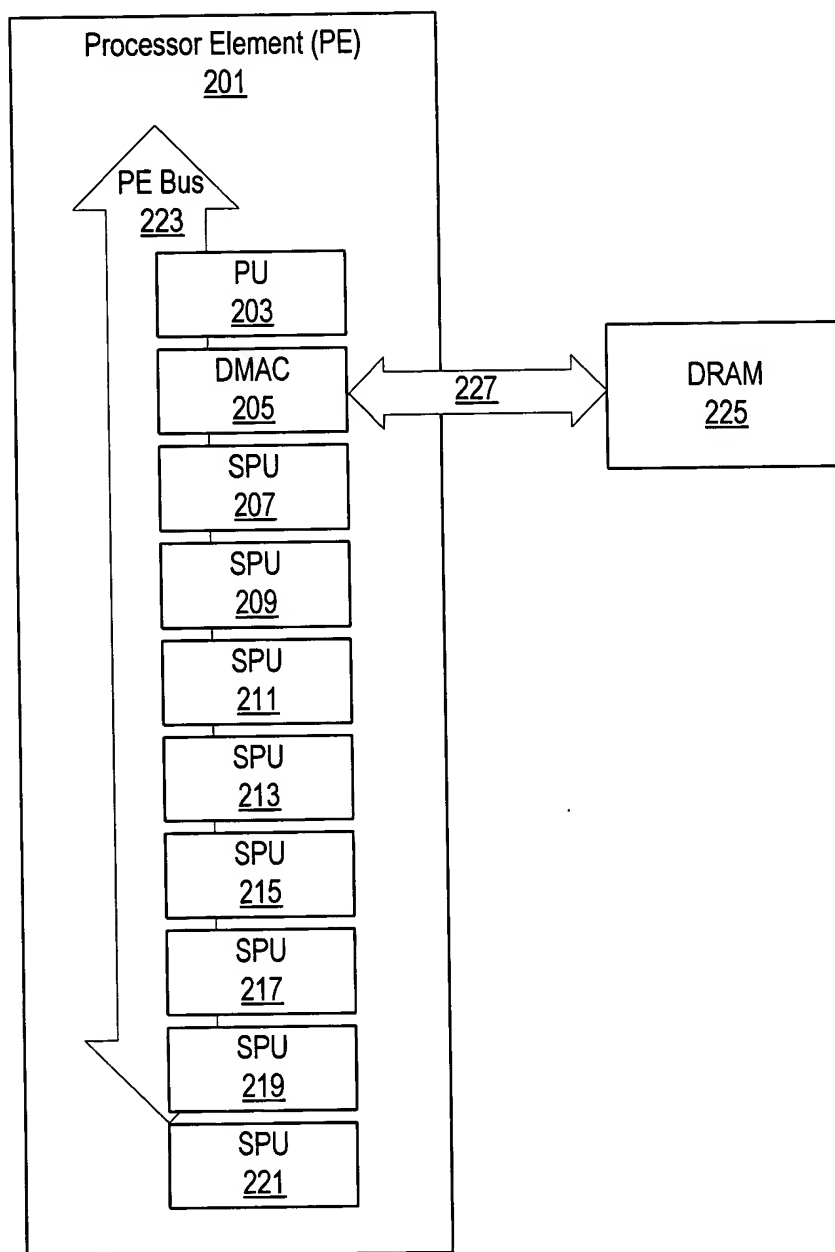
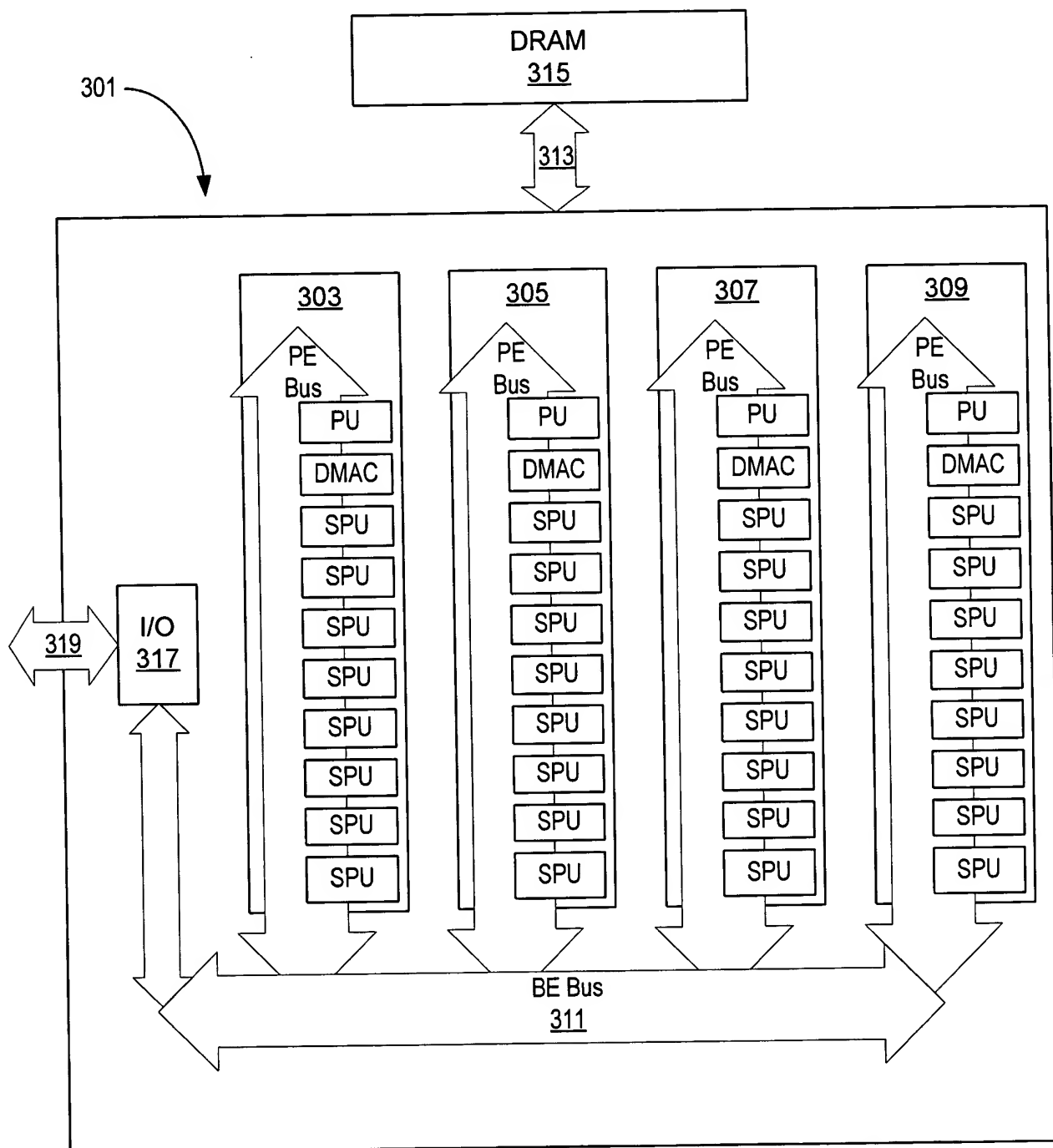
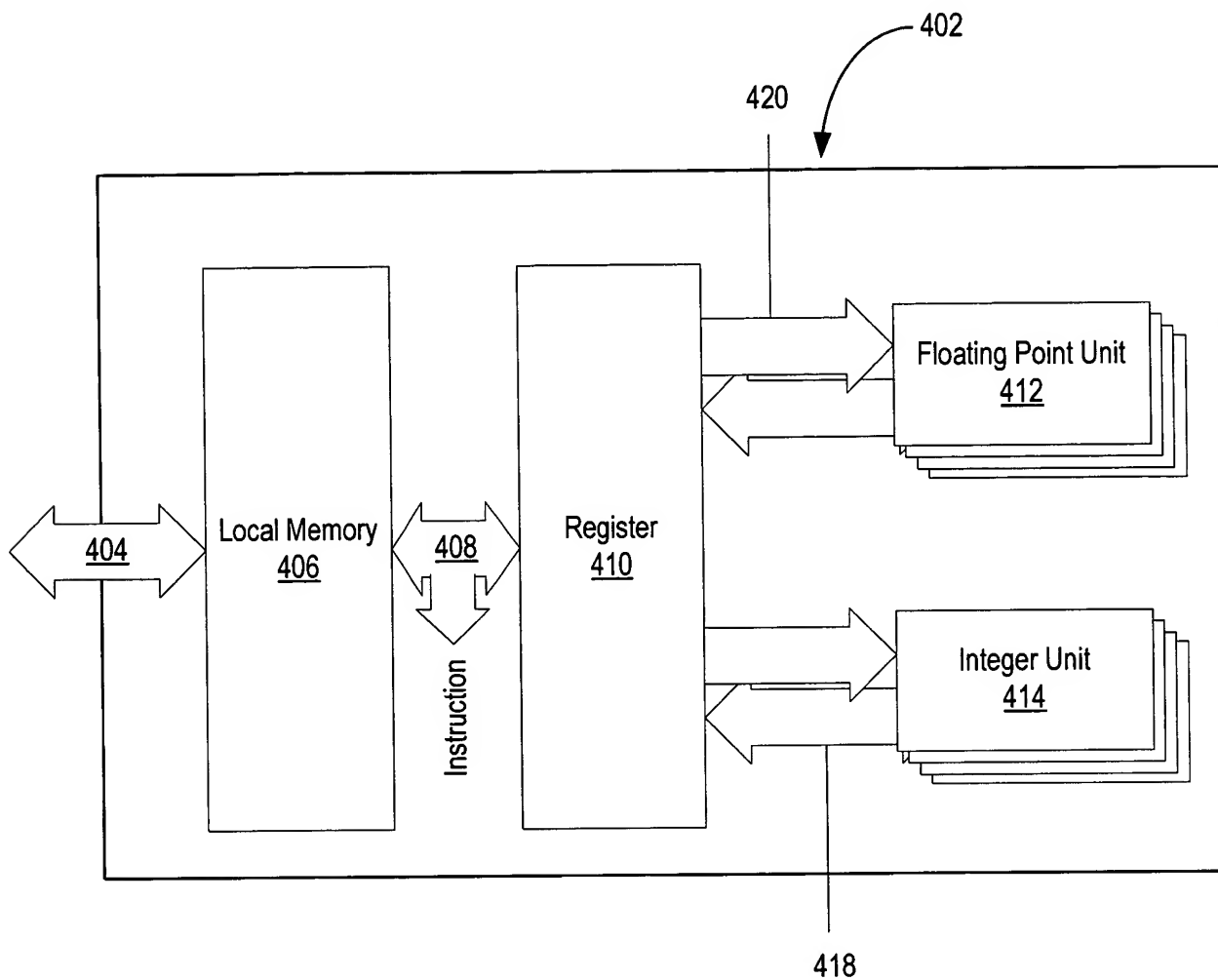
**Figure 1**



**Figure 2**

**Figure 3**

**Figure 4**

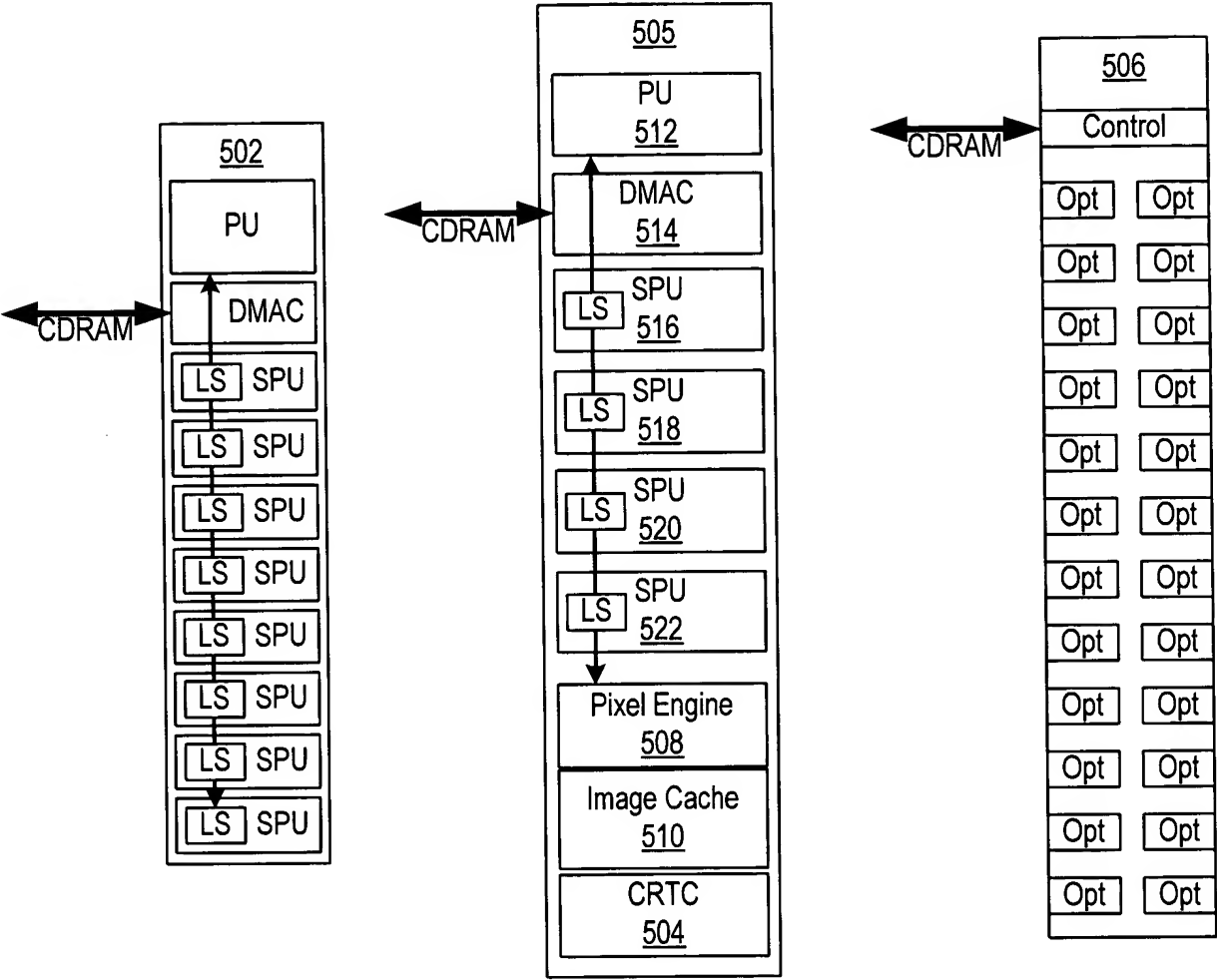
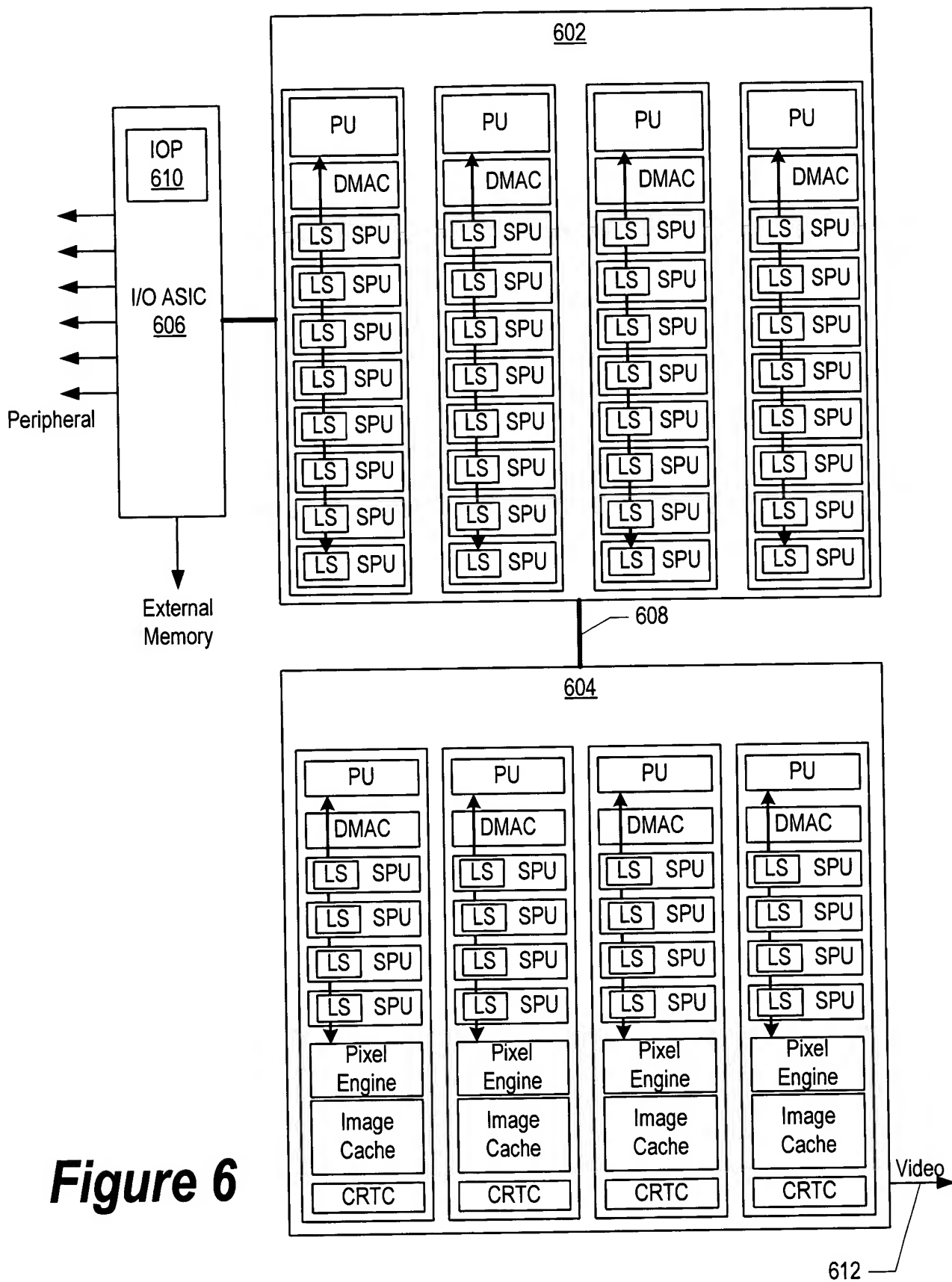
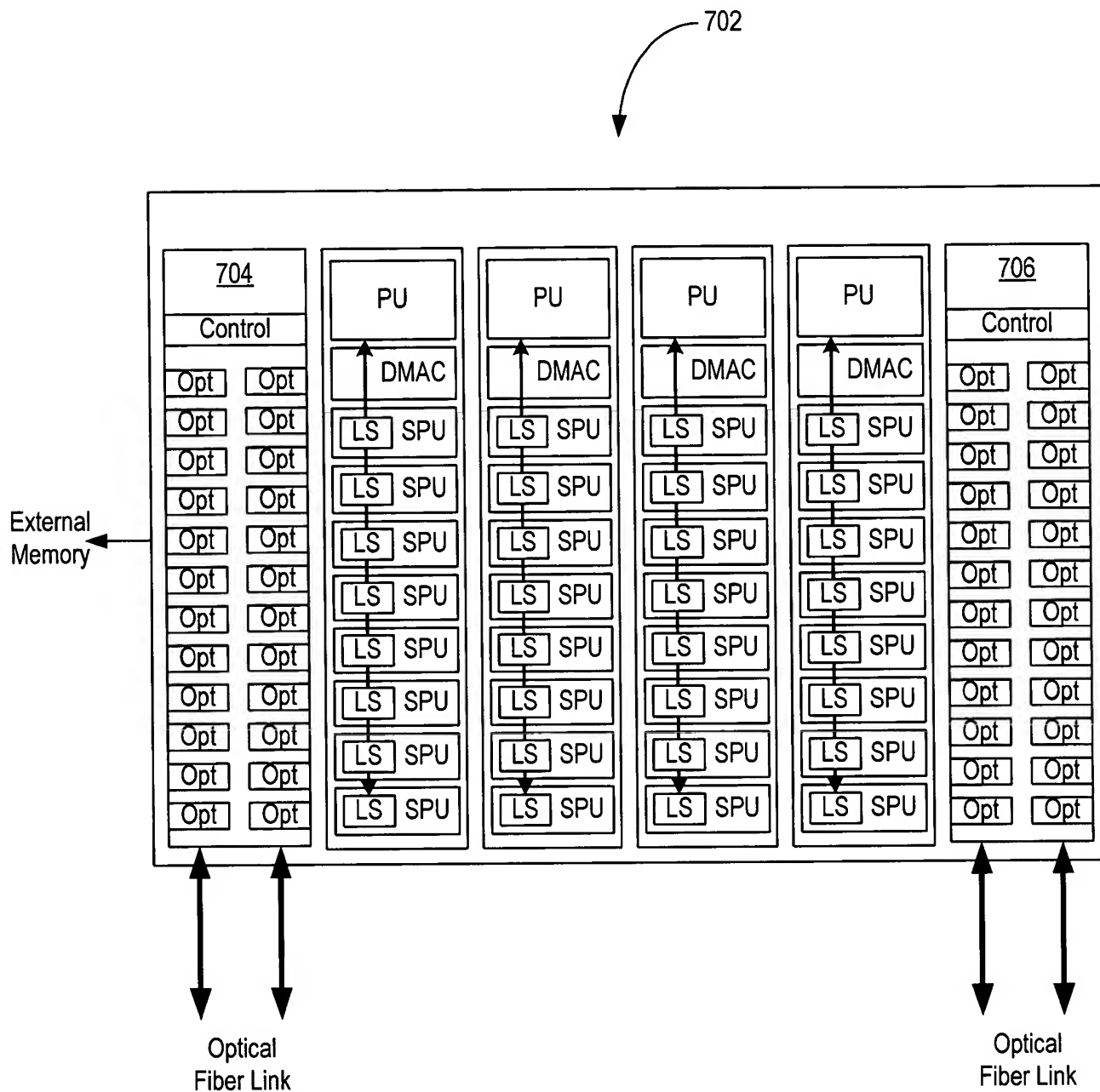
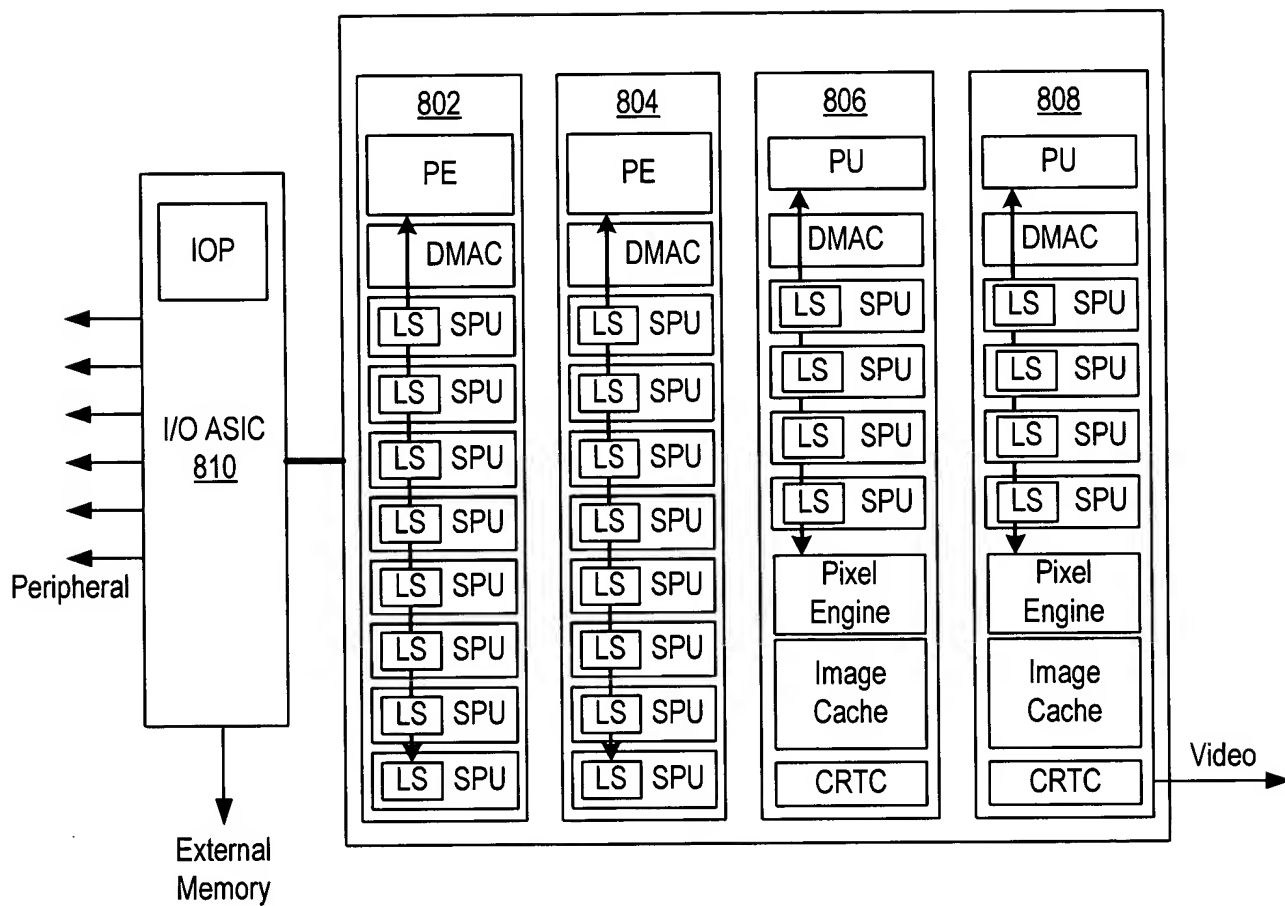


Figure 5

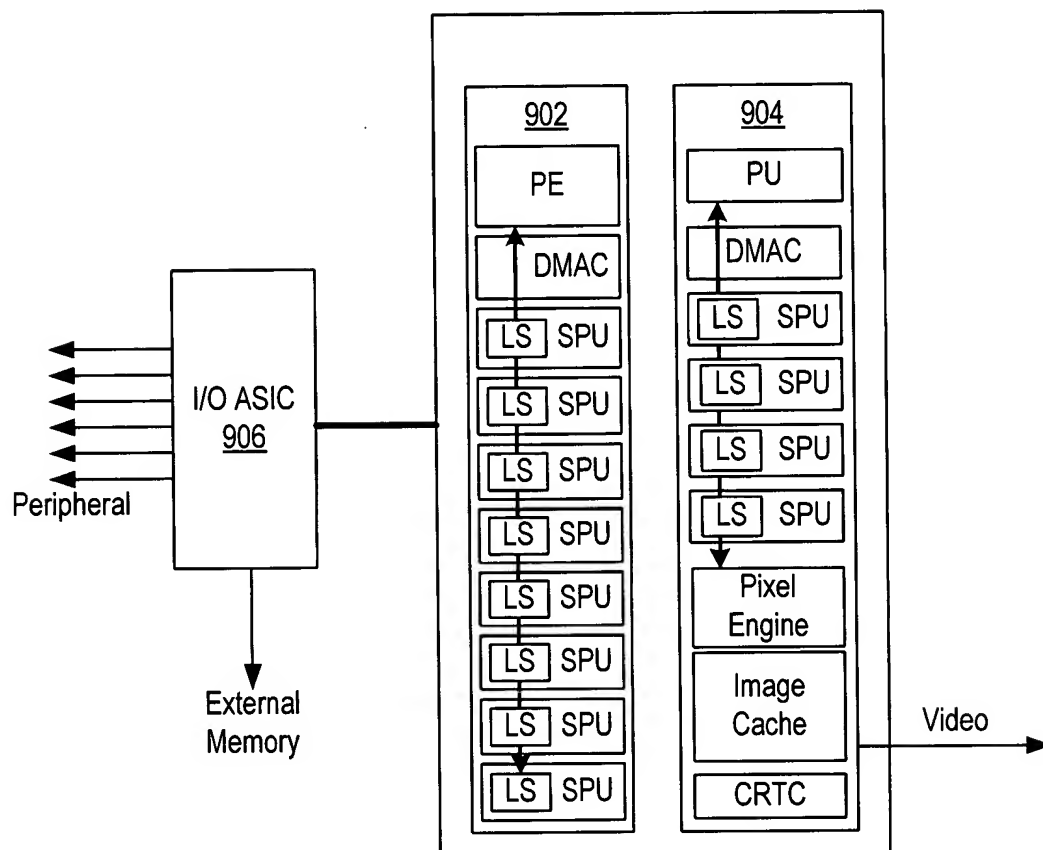


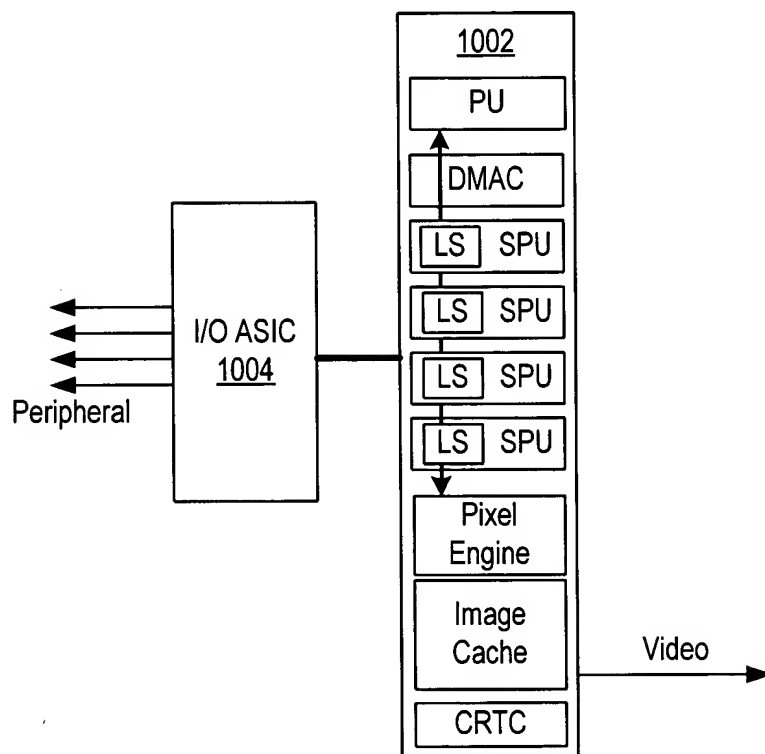
**Figure 6**

**Figure 7**

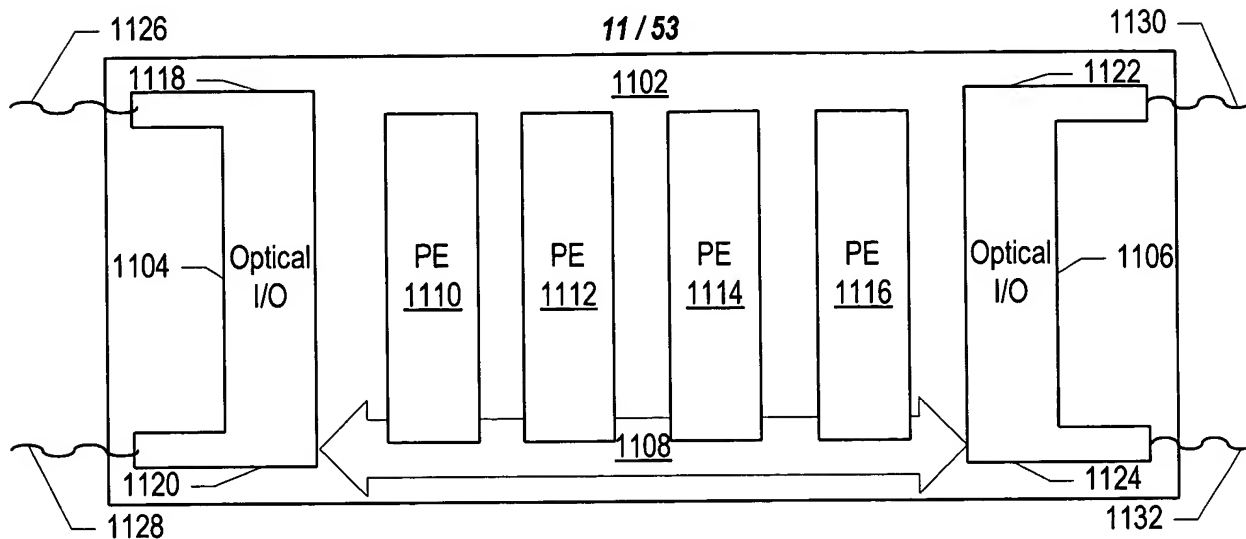
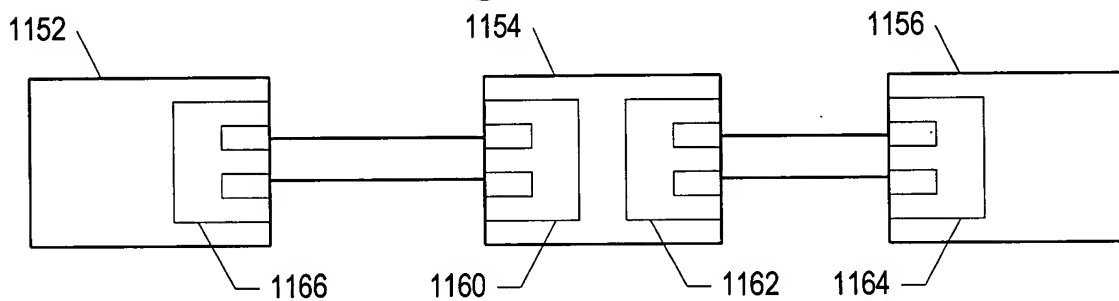
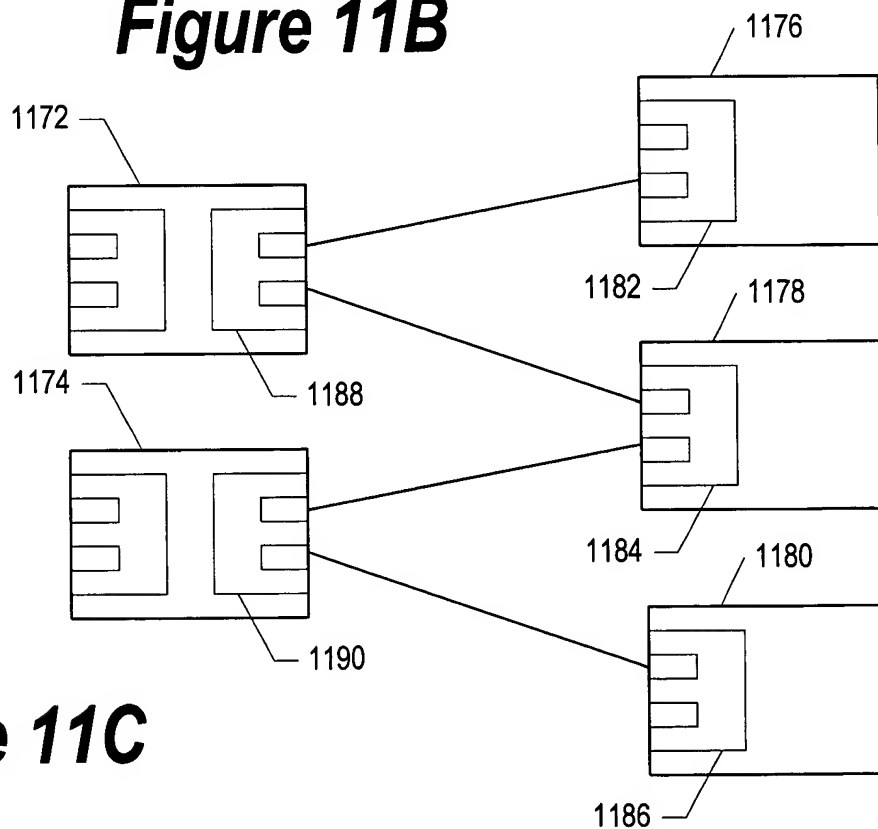
**Figure 8**



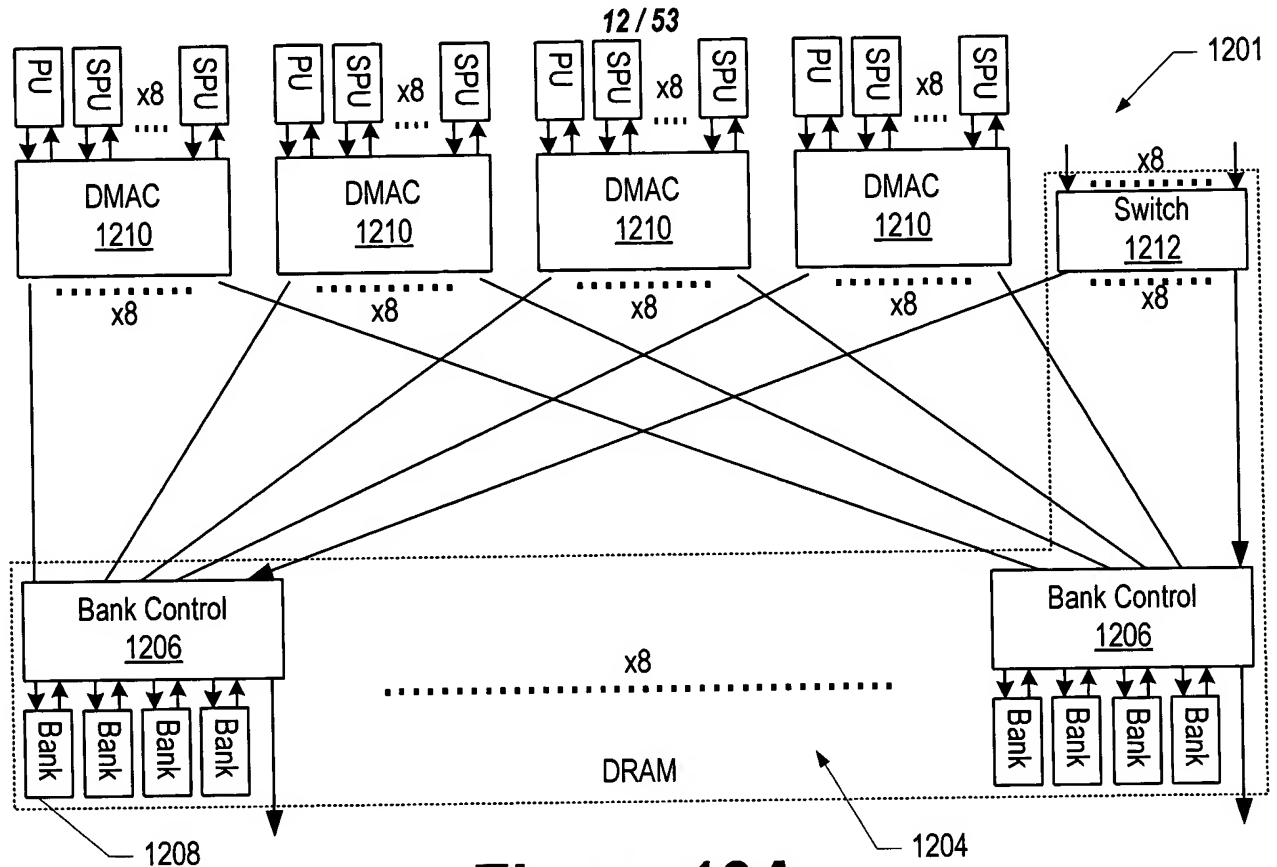
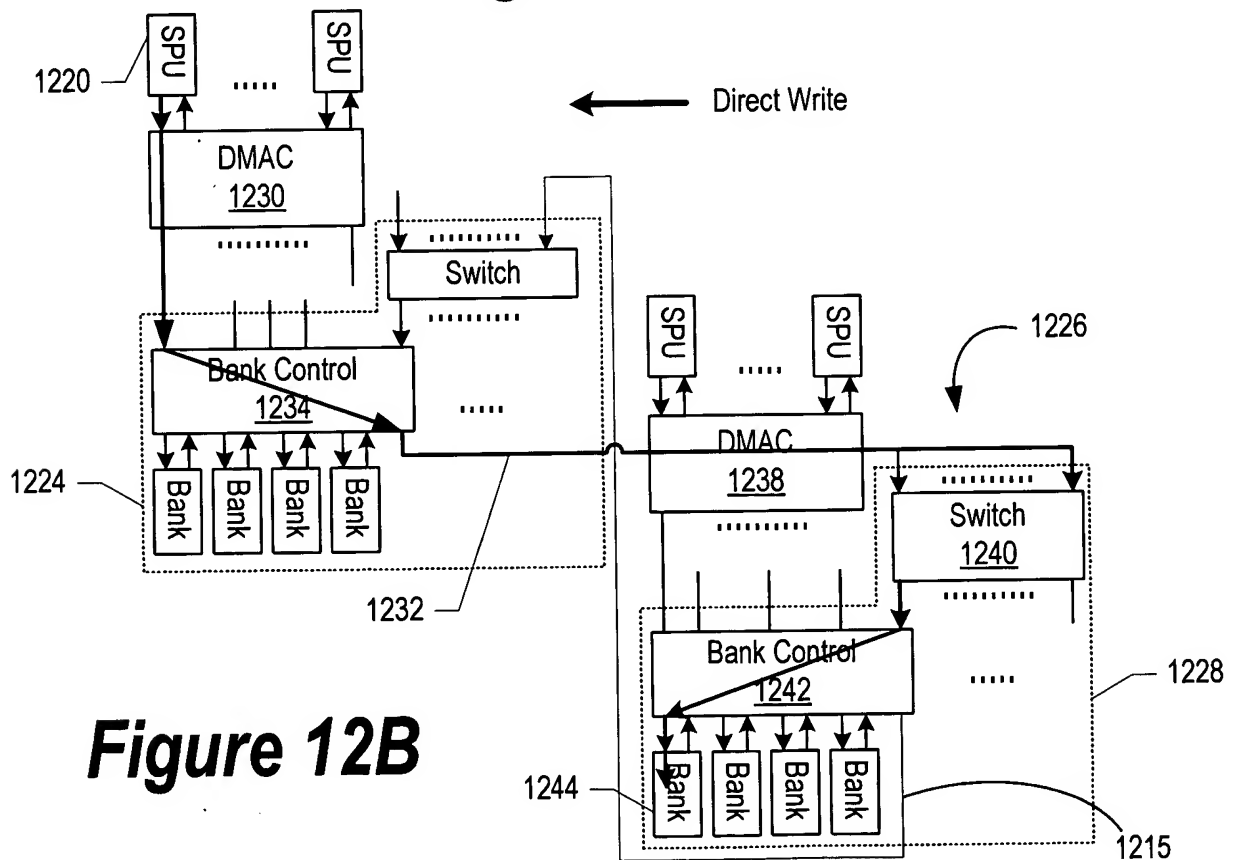
**Figure 9**

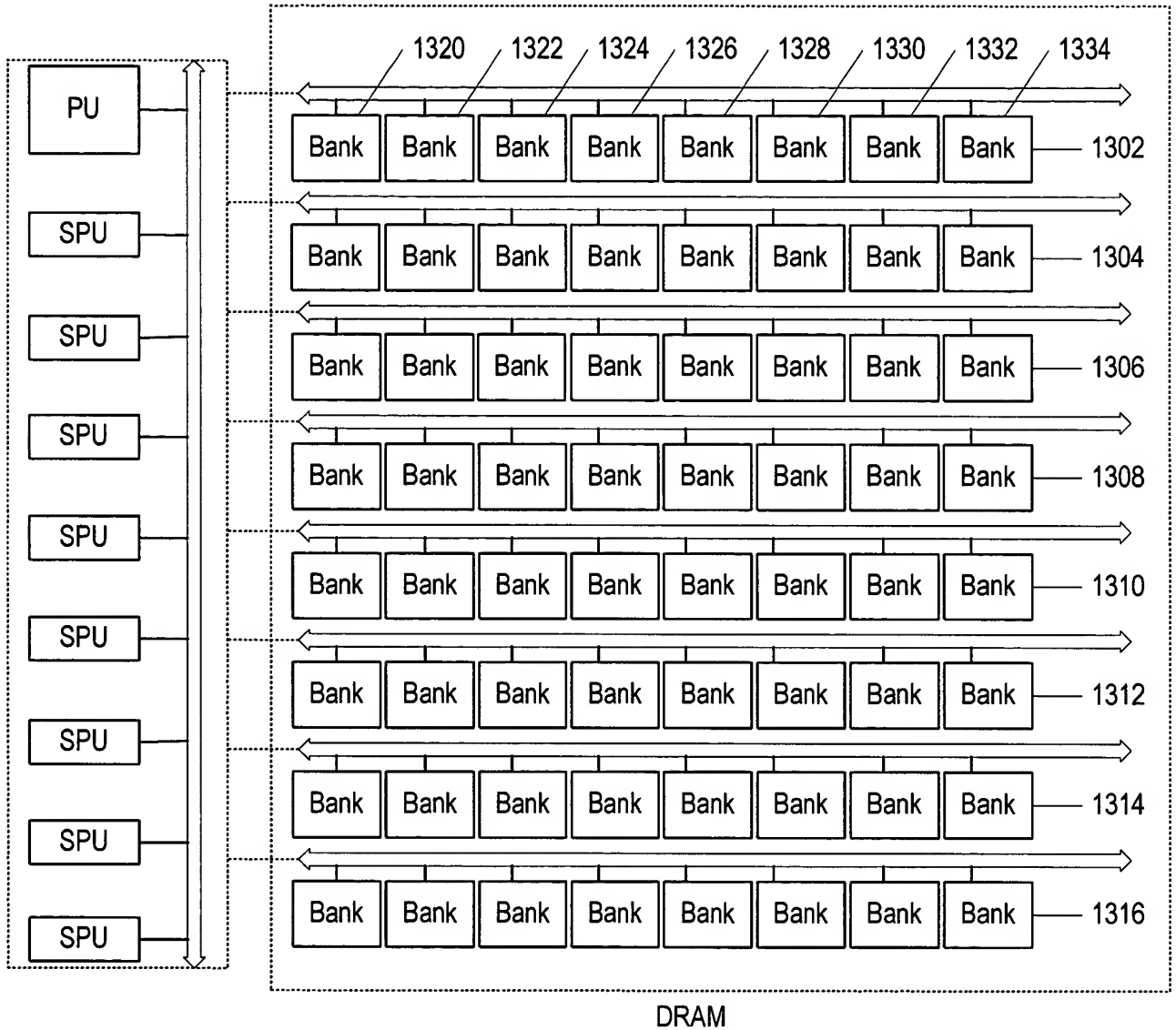


**Figure 10**

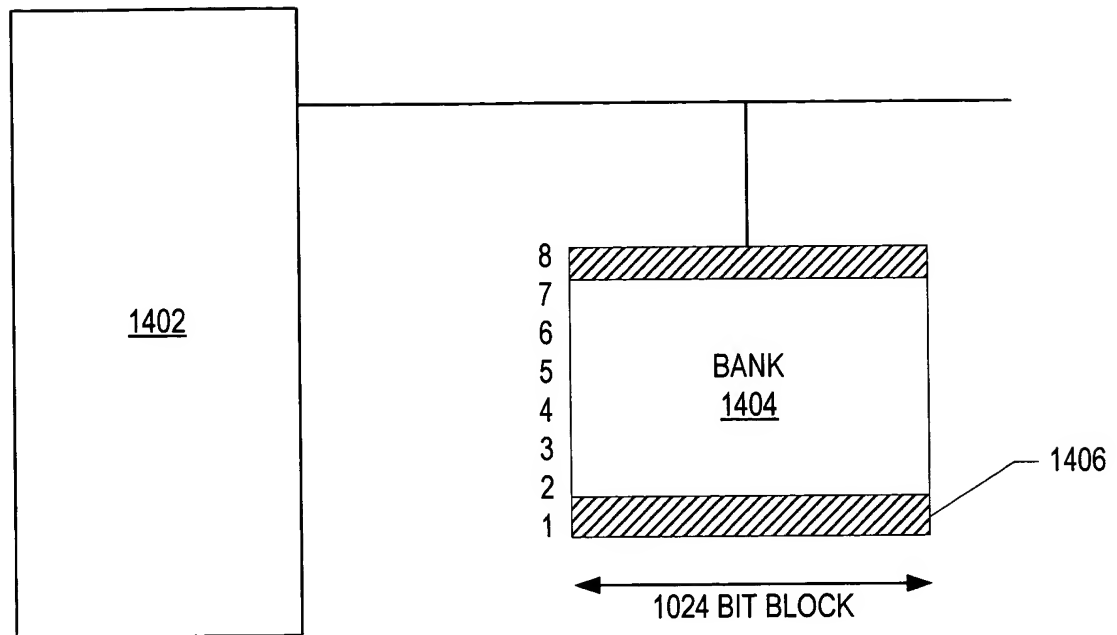
**Figure 11A****Figure 11B****Figure 11C**

## System and Method for Solving a Large System of Dense Linear Equations

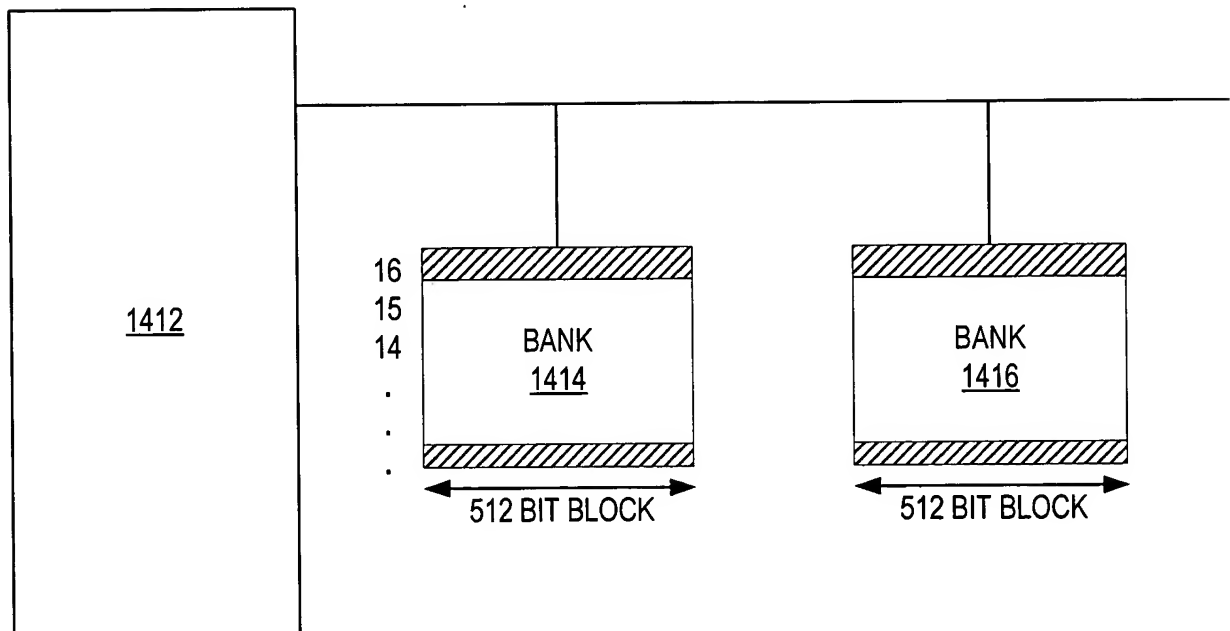
**Figure 12A****Figure 12B**



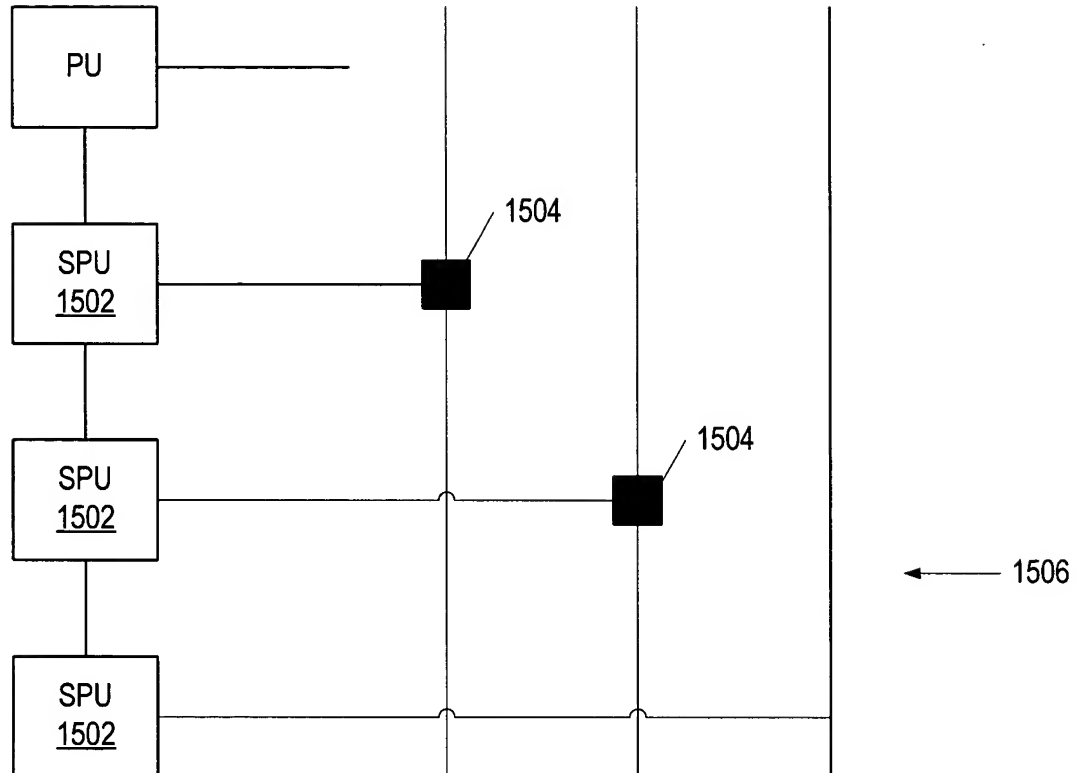
**Figure 13**

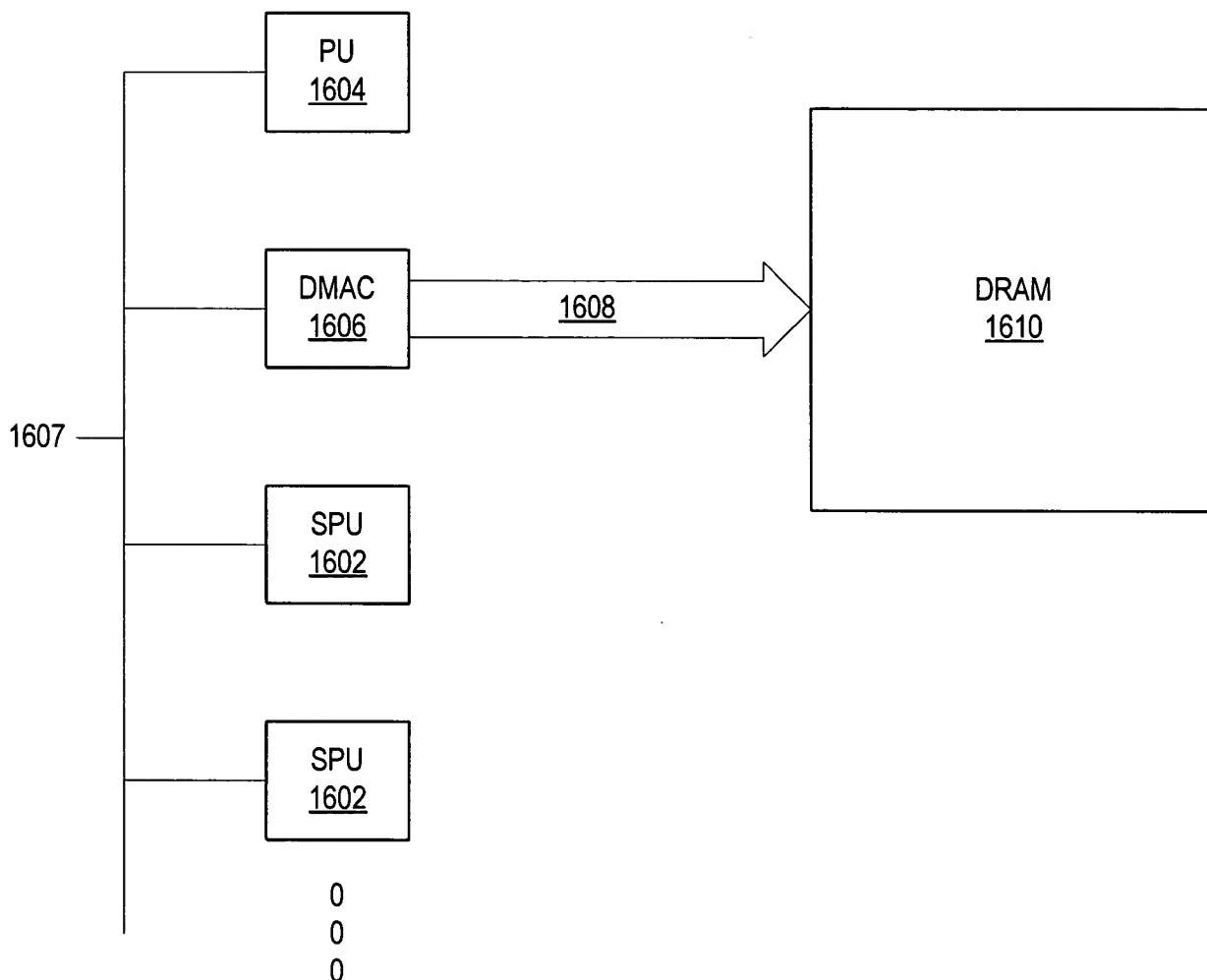


**Figure 14A**

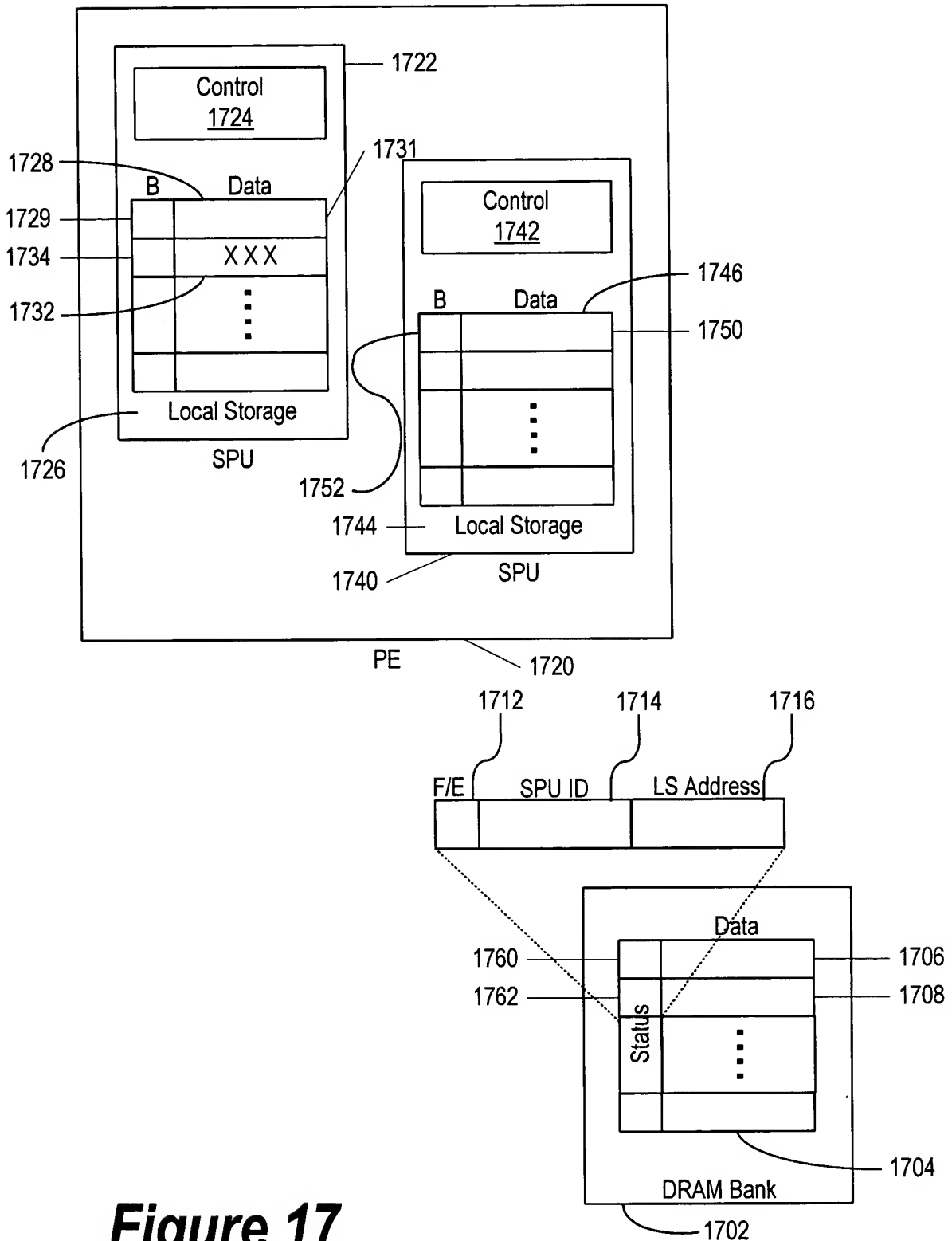


**Figure 14B**

**Figure 15**

**Figure 16**





**Figure 17**

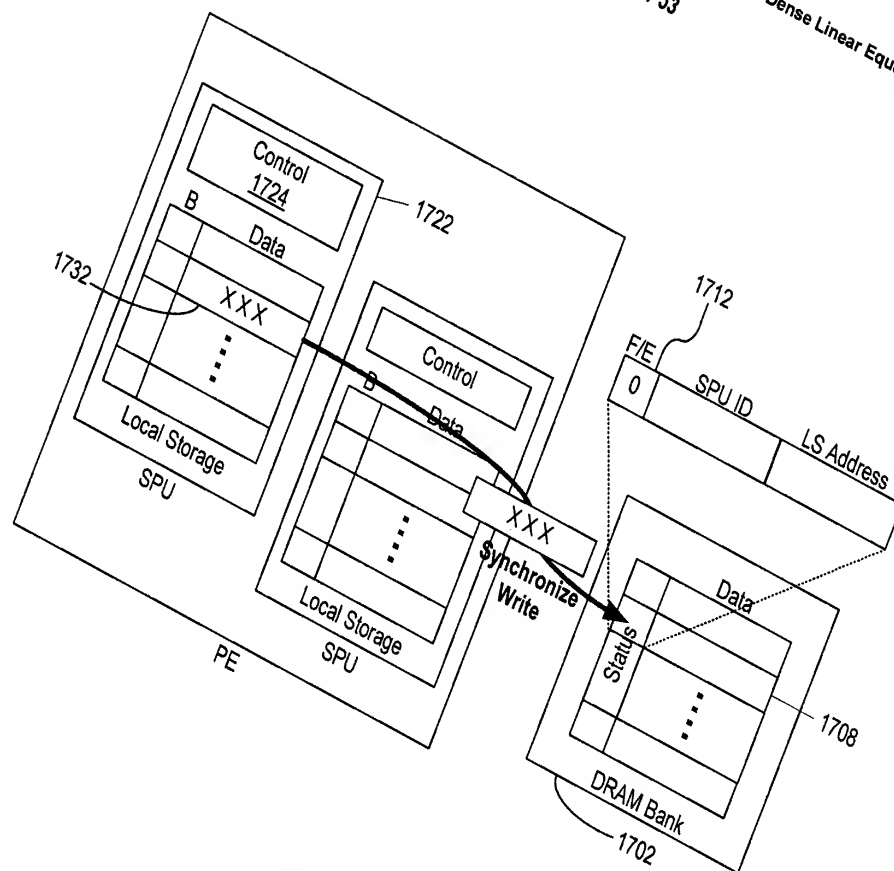


Figure 18

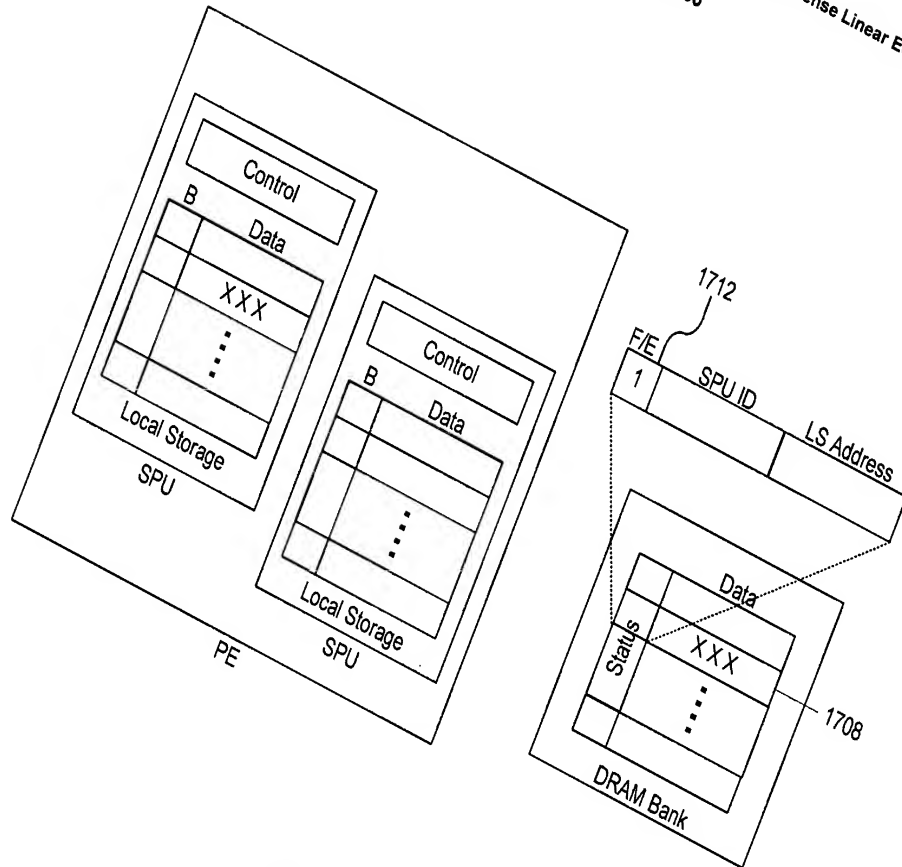
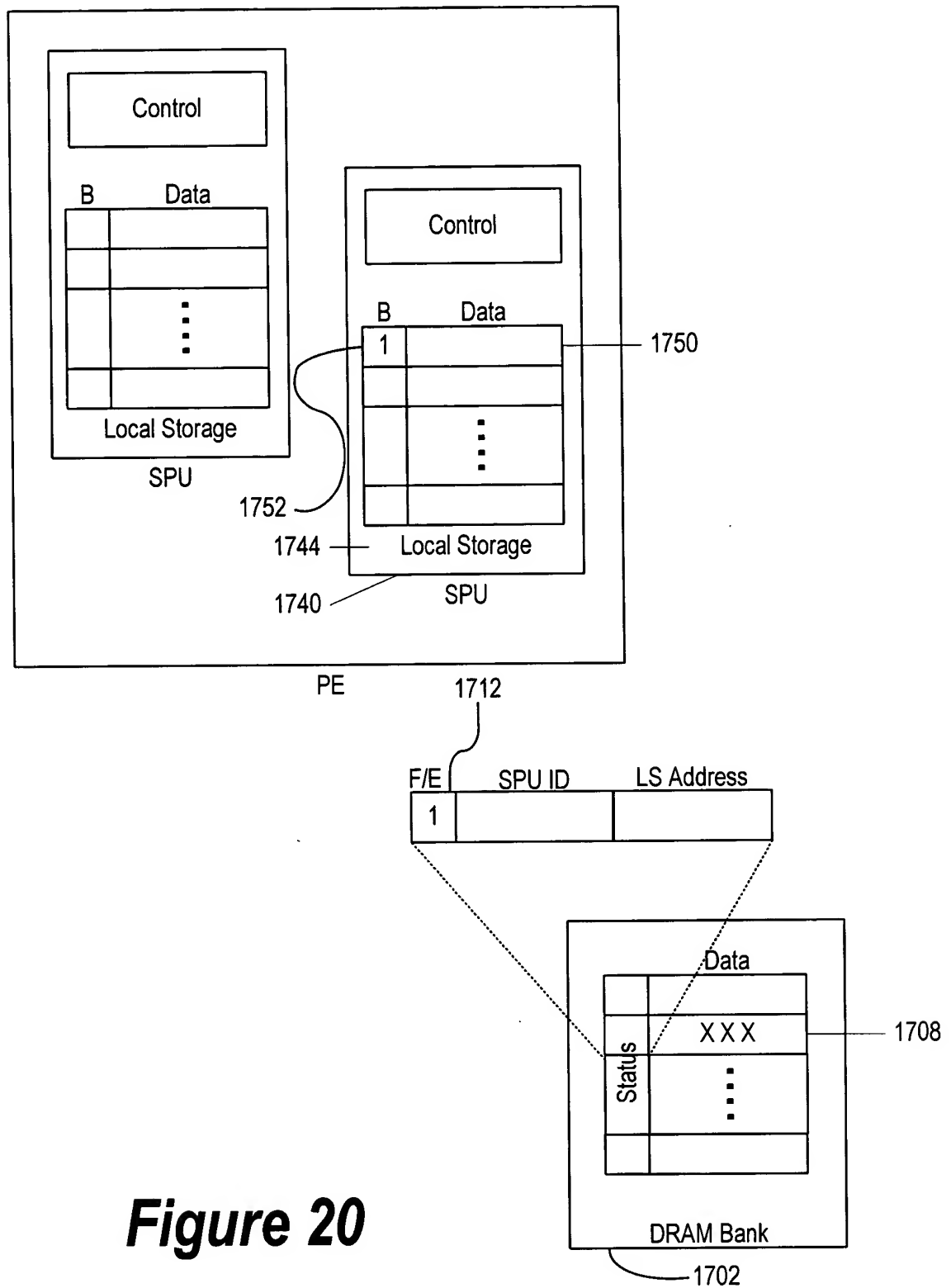


Figure 19

**Figure 20**

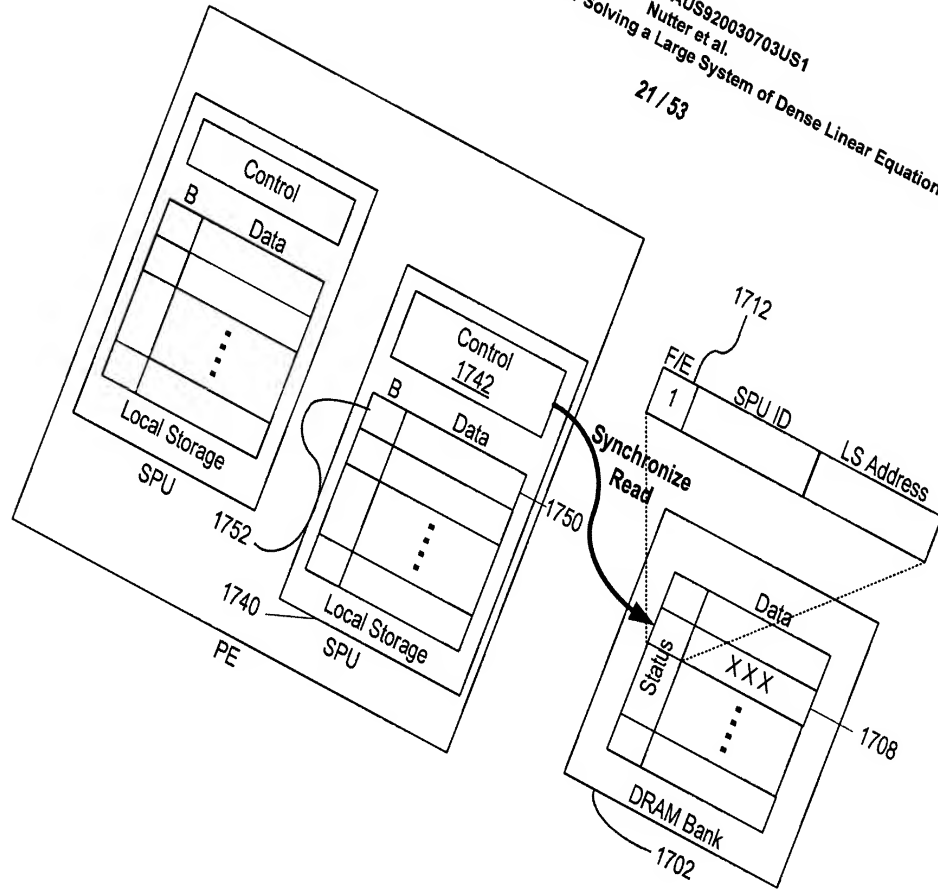
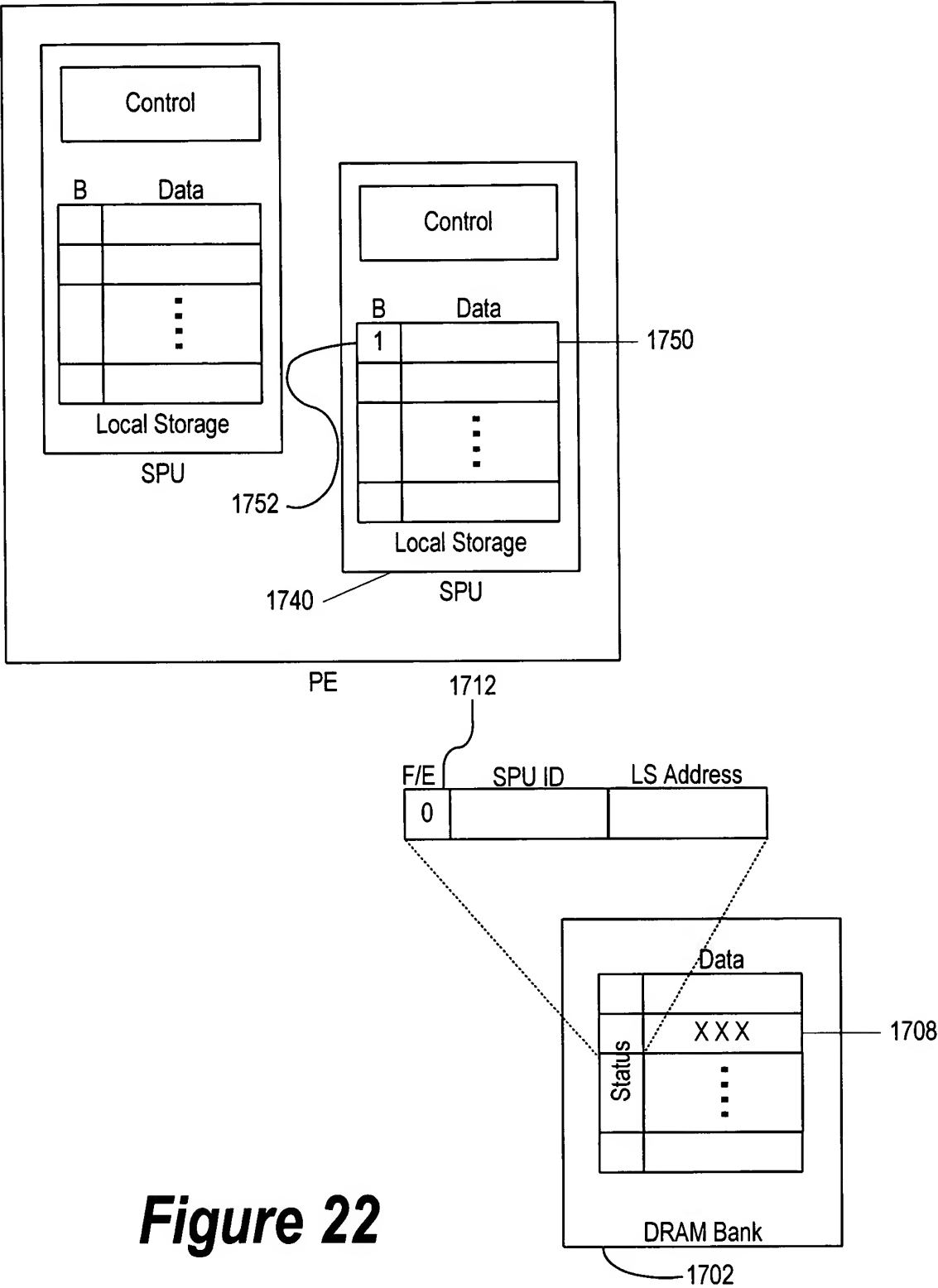


Figure 21



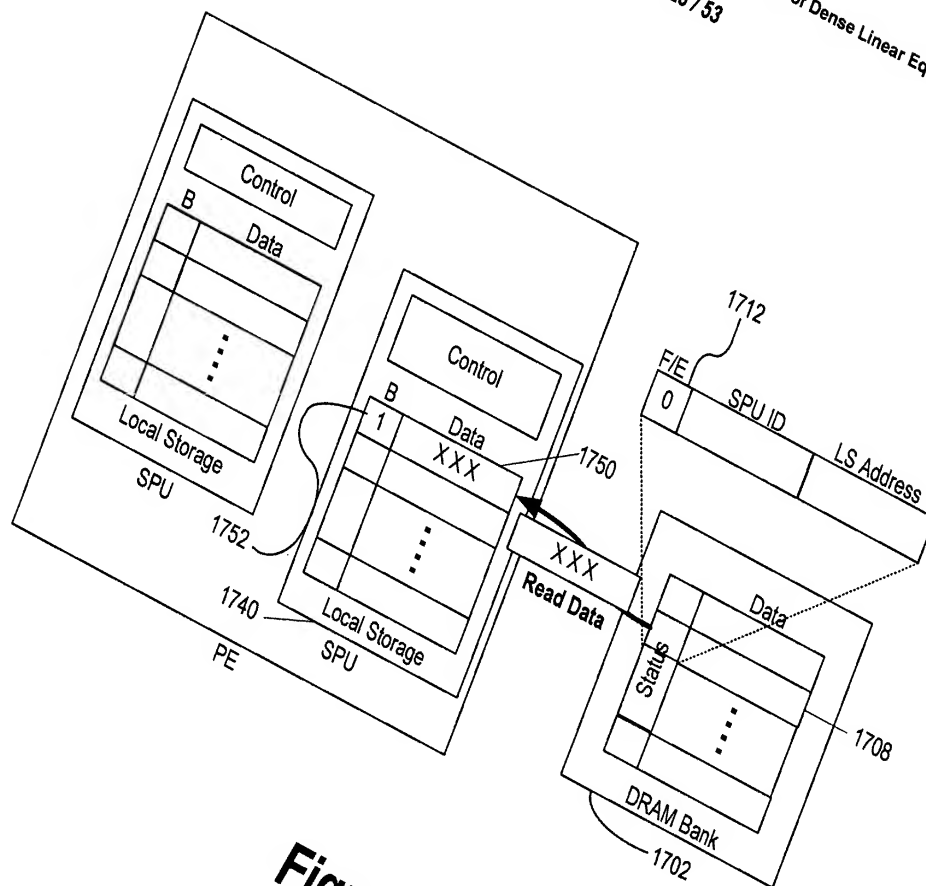
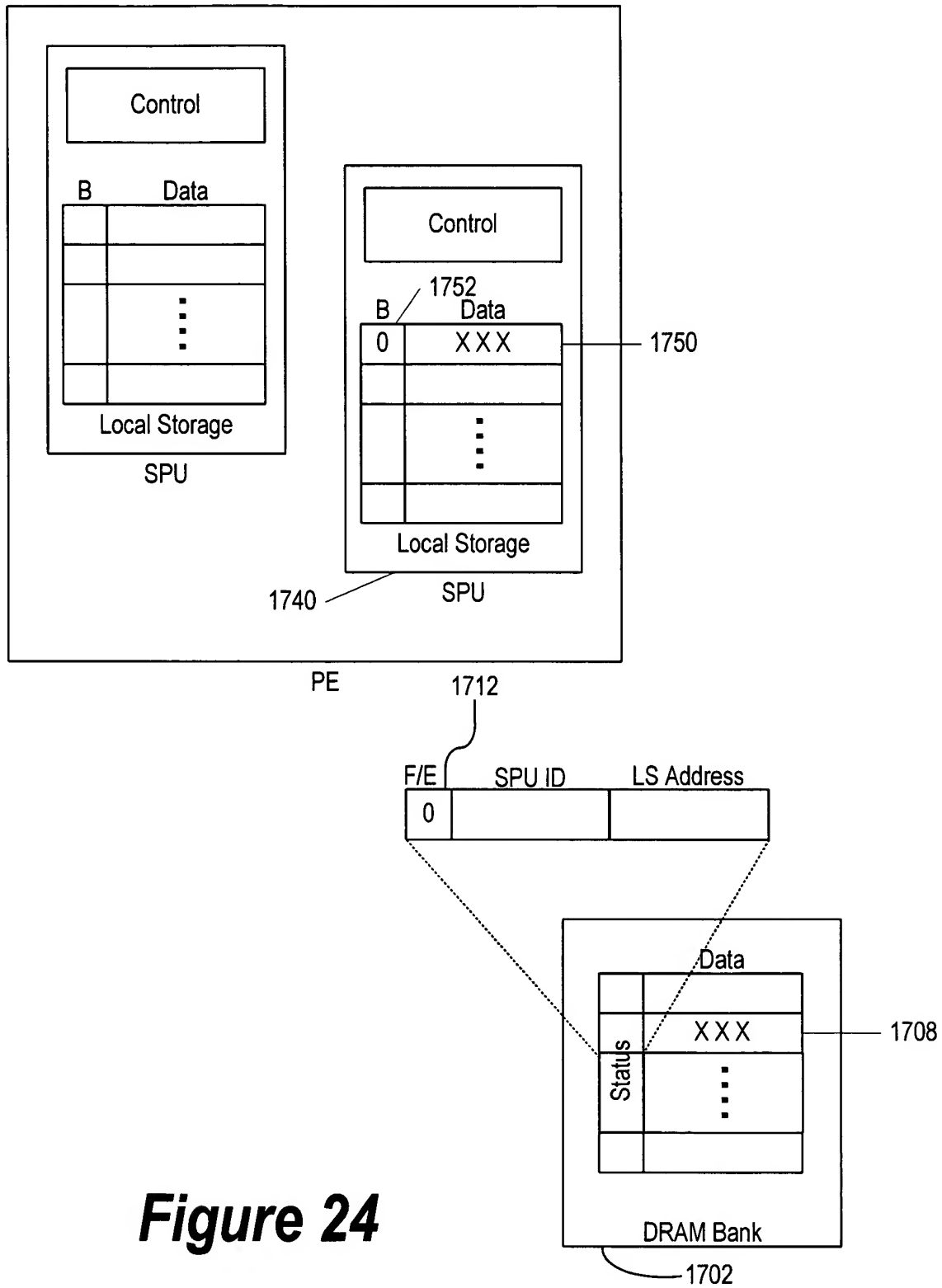
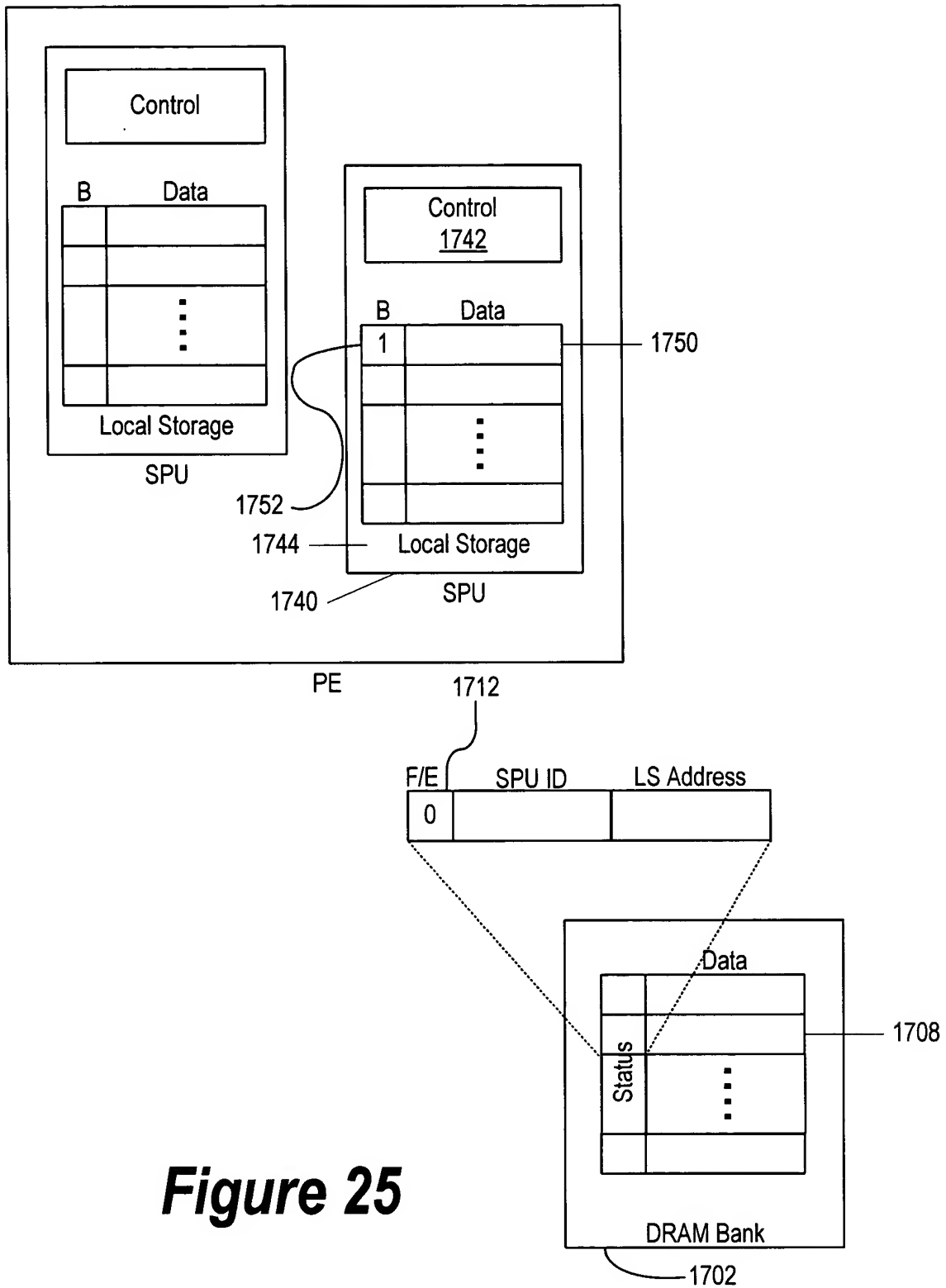


Figure 23

**Figure 24**





**Figure 25**

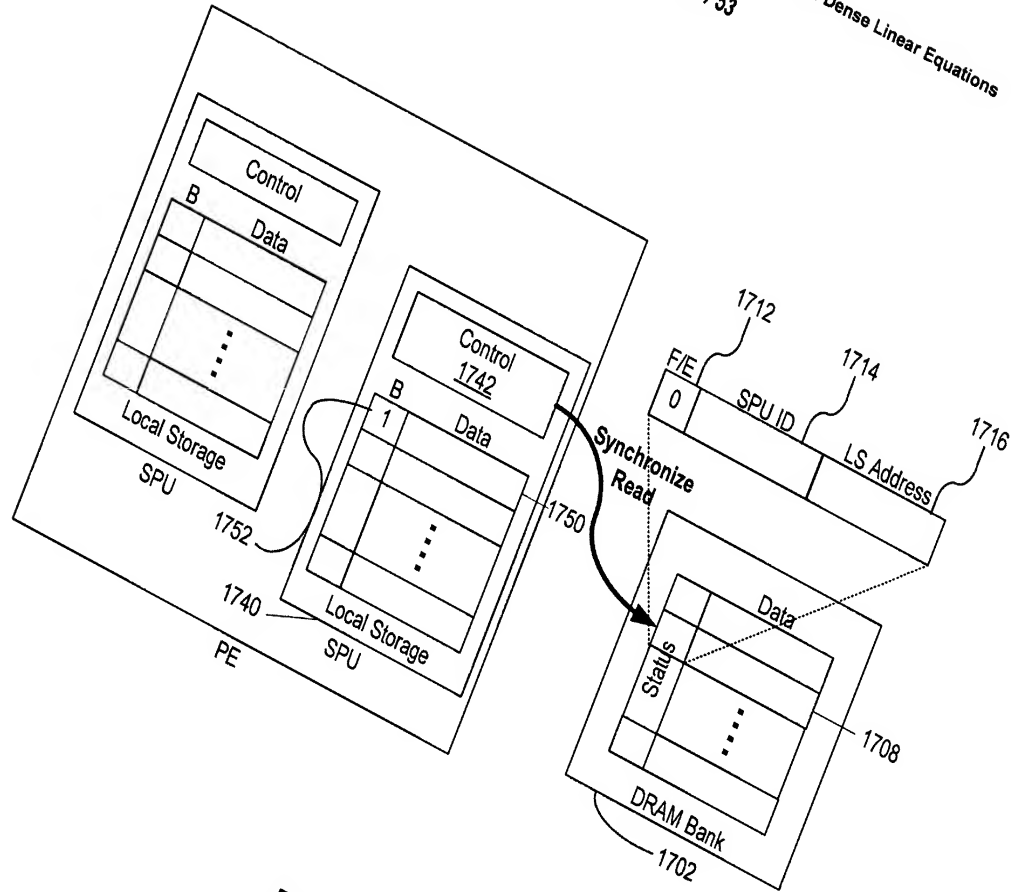


Figure 26

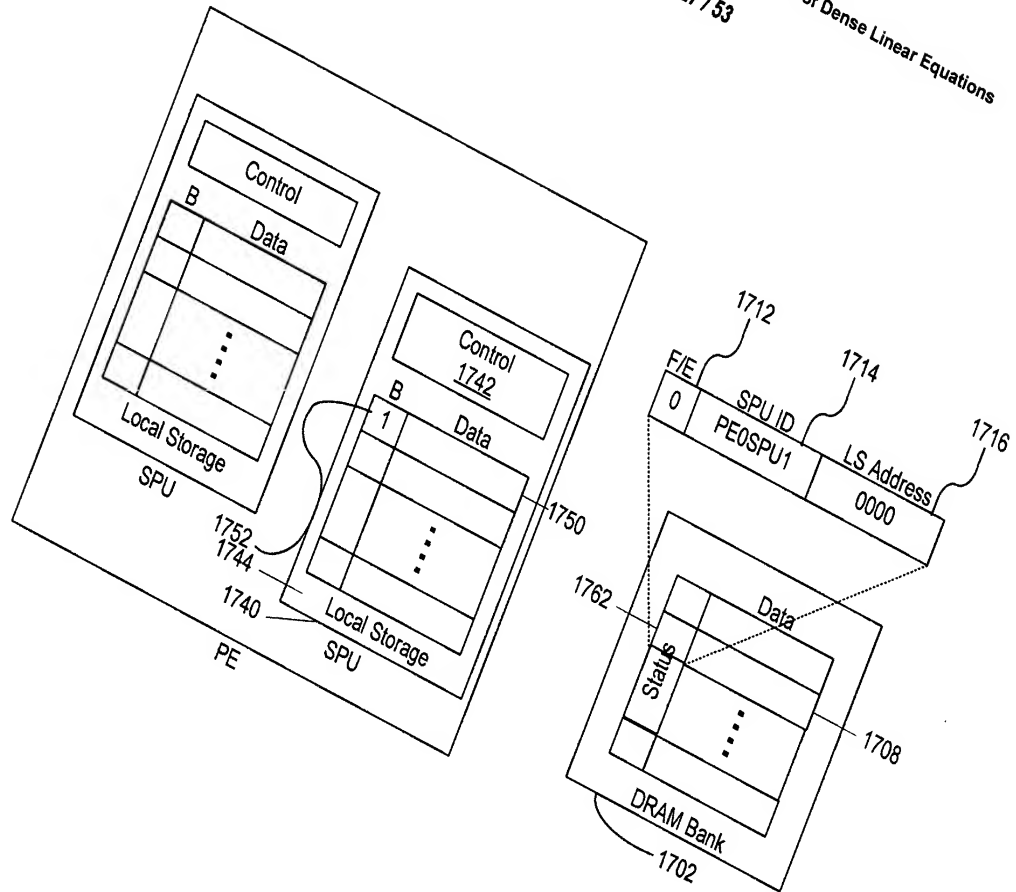


Figure 27

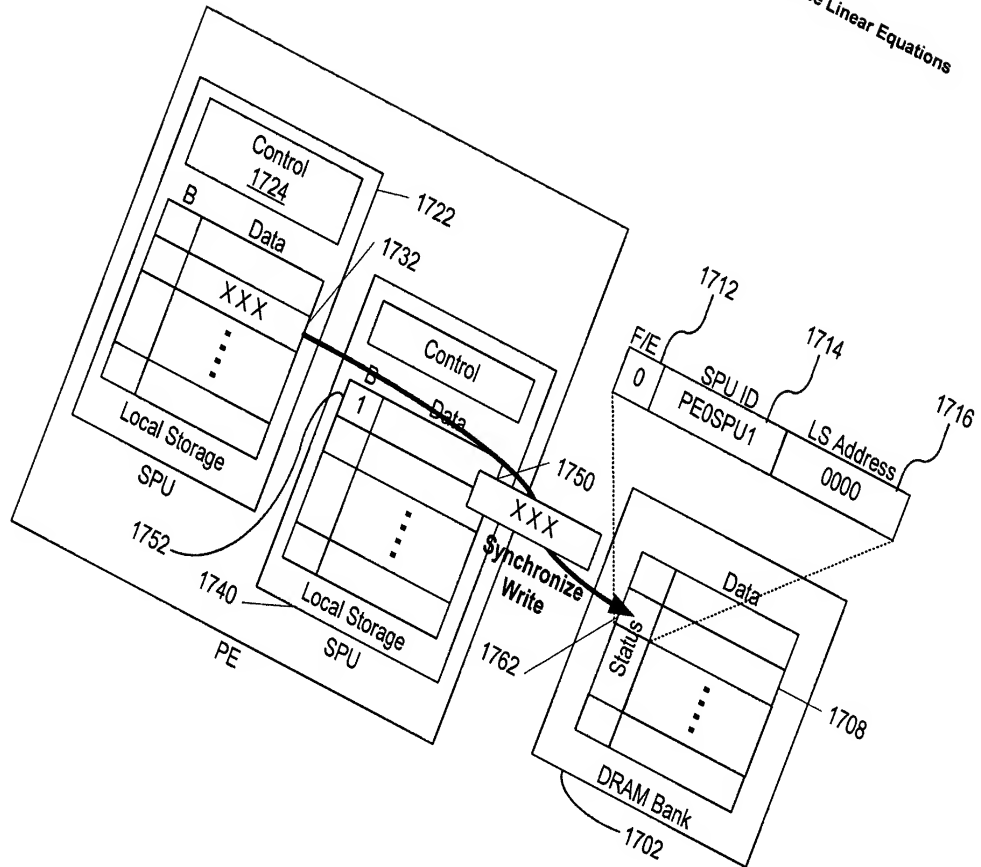


Figure 28

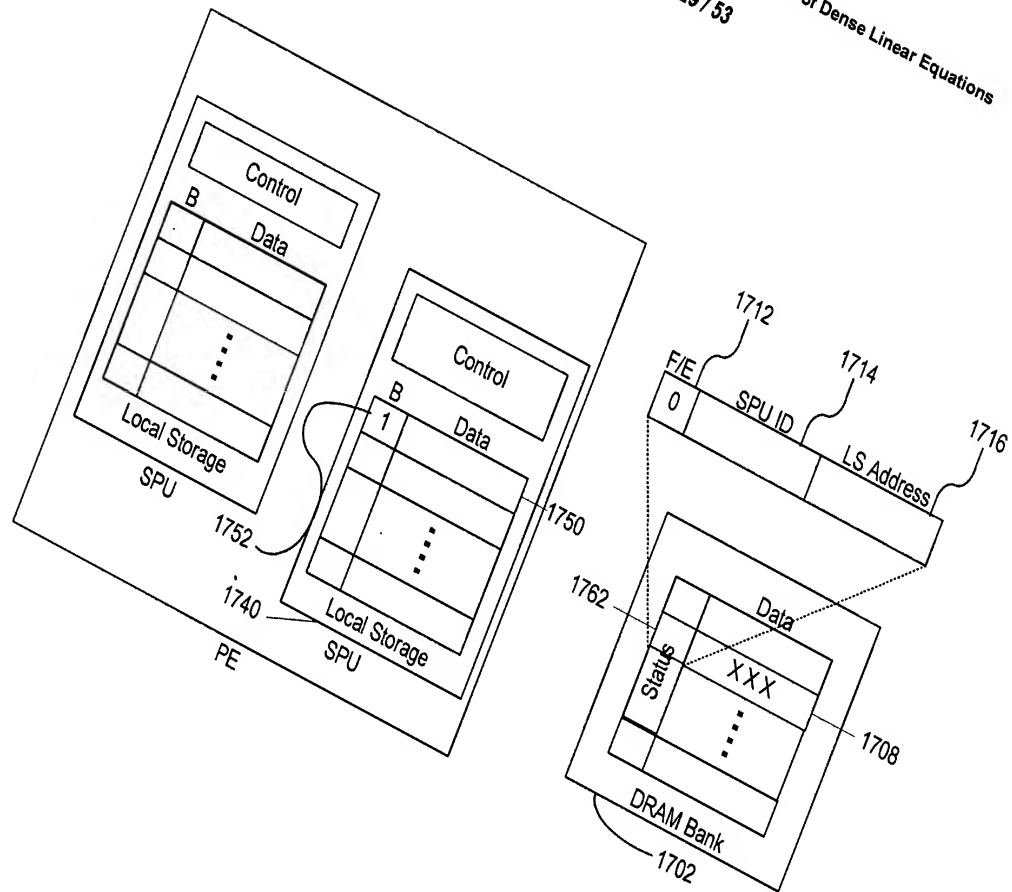


Figure 29

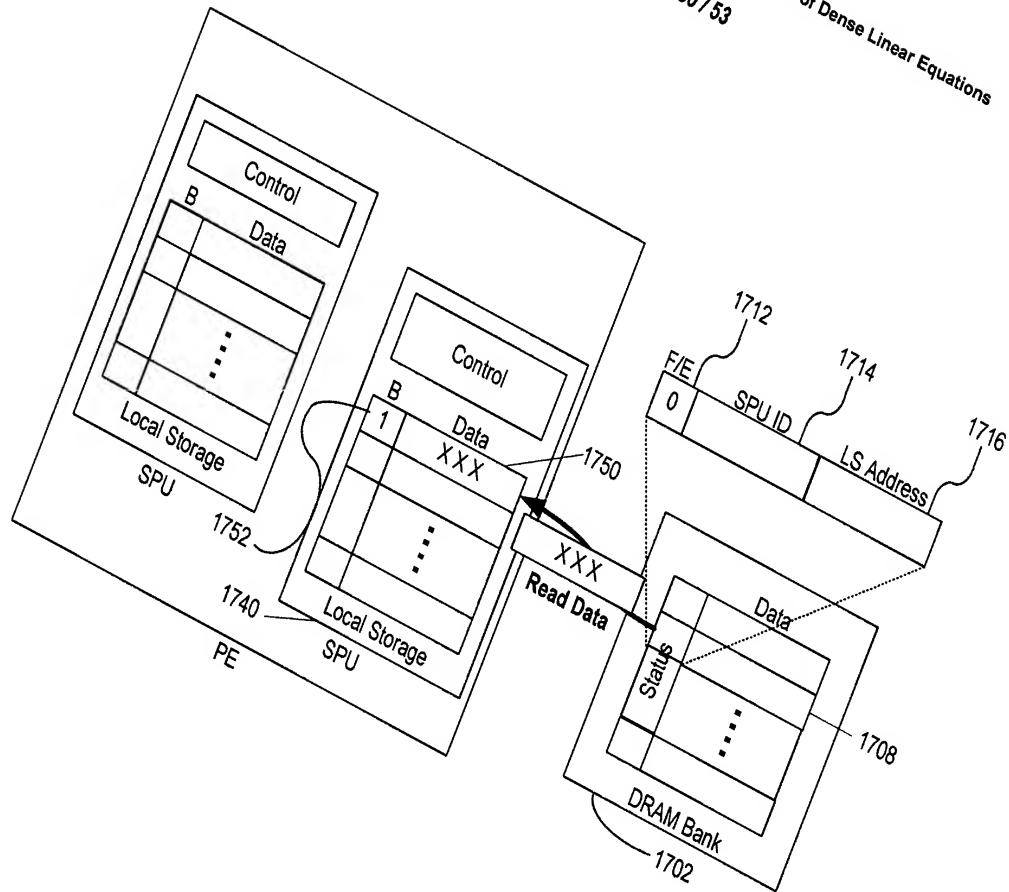


Figure 30

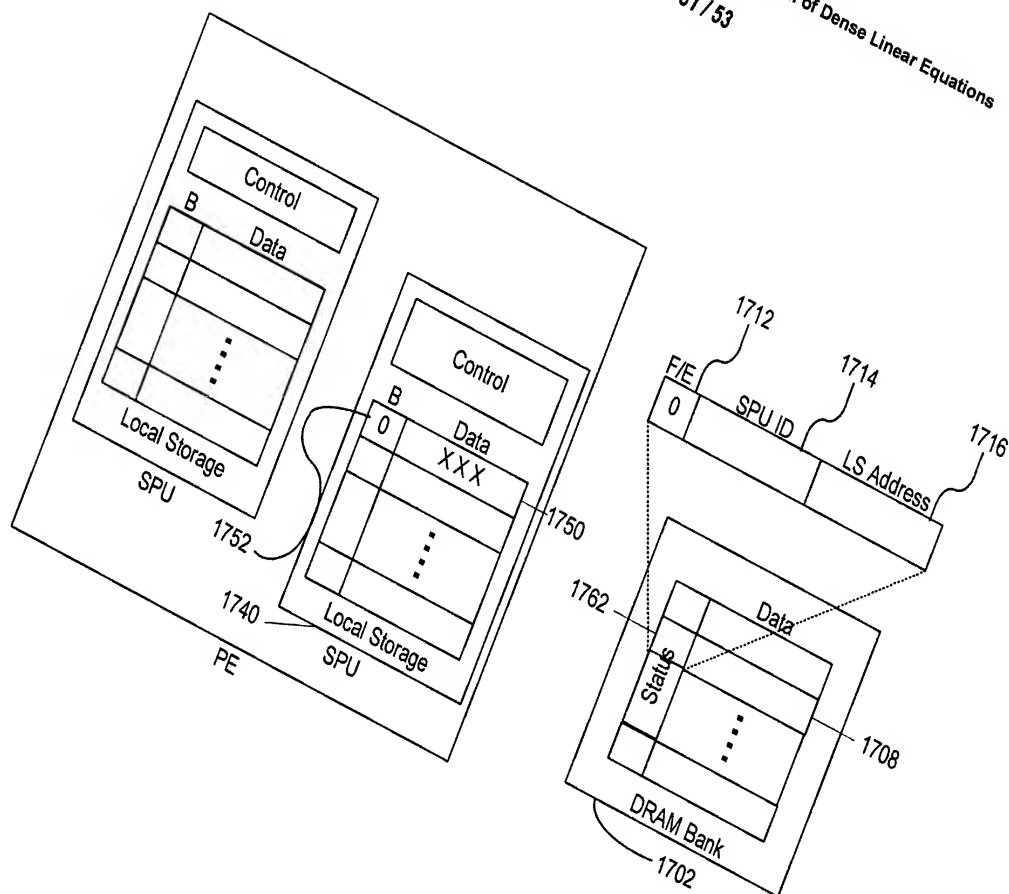
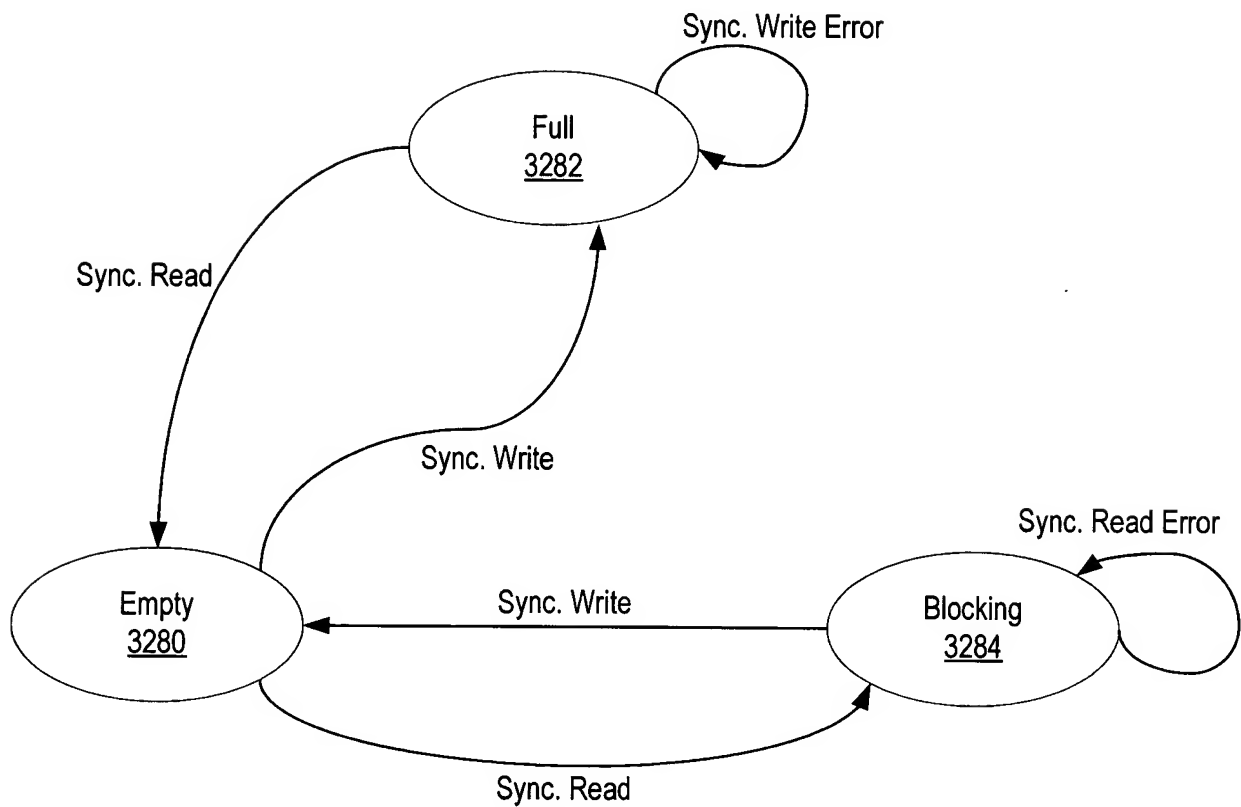


Figure 31

**Figure 32**



Key Control Table

3302

3304

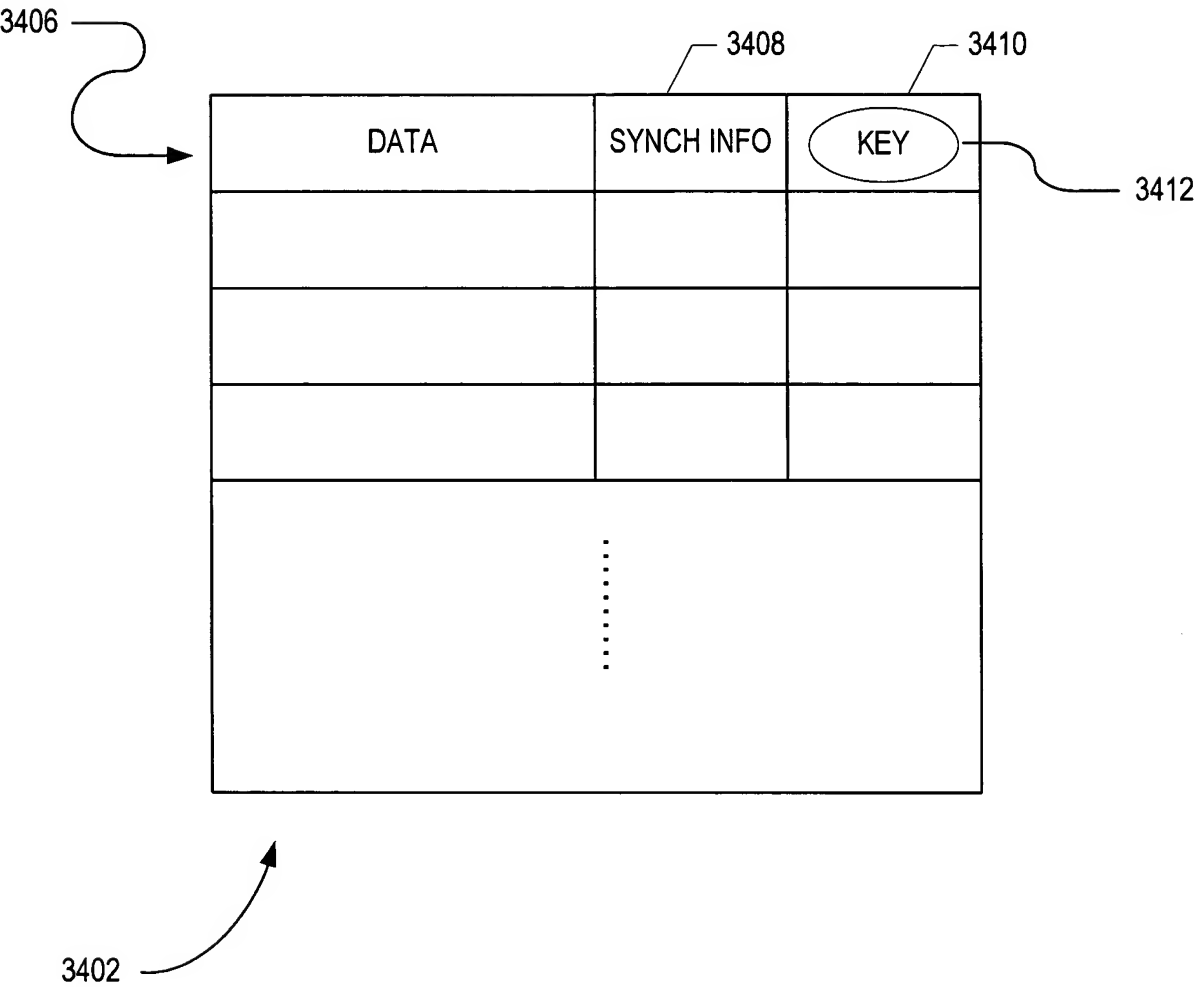
ID

3306

3308

0	SPU Key	Key Mask
1	SPU Key	Key Mask
2	SPU Key	Key Mask
		⋮
7	SPU Key	Key Mask

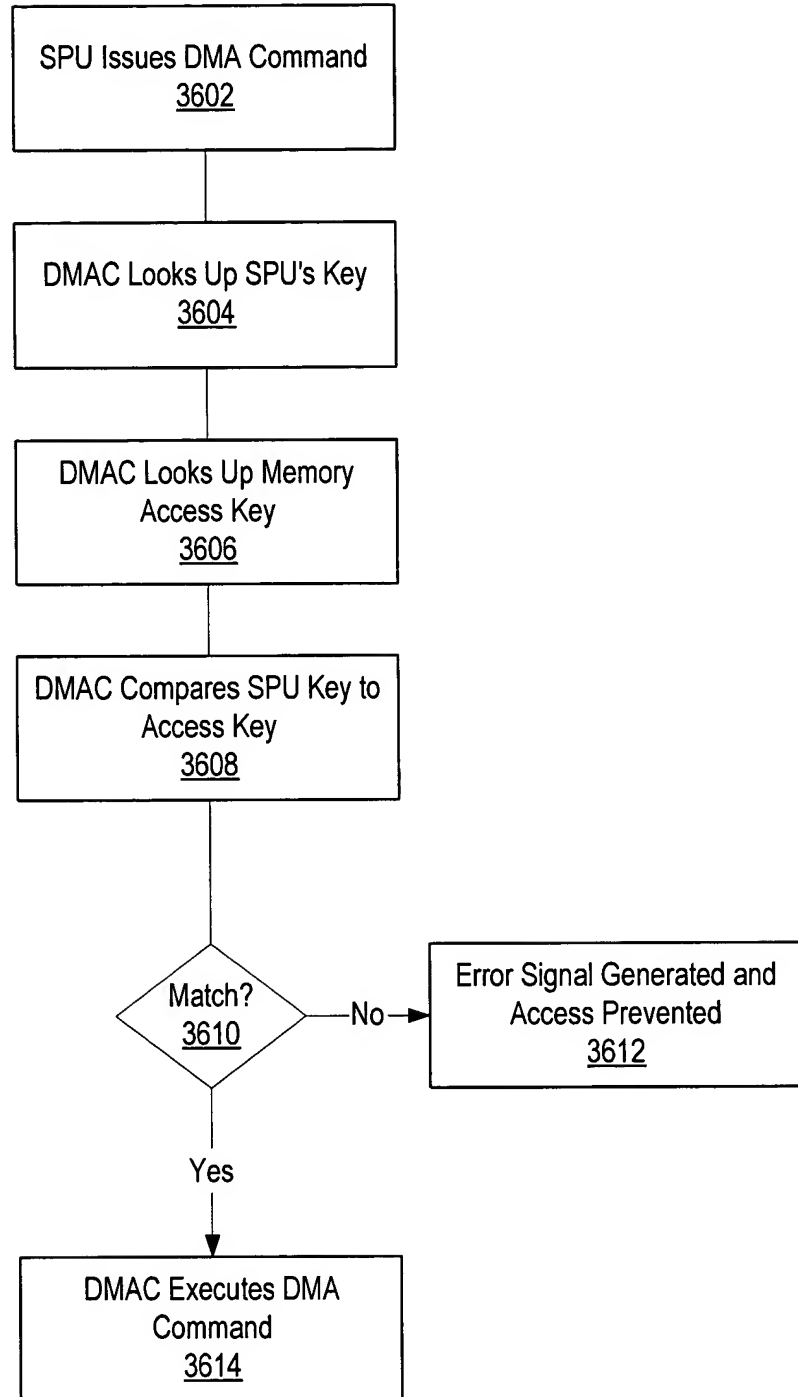
**Figure 33**



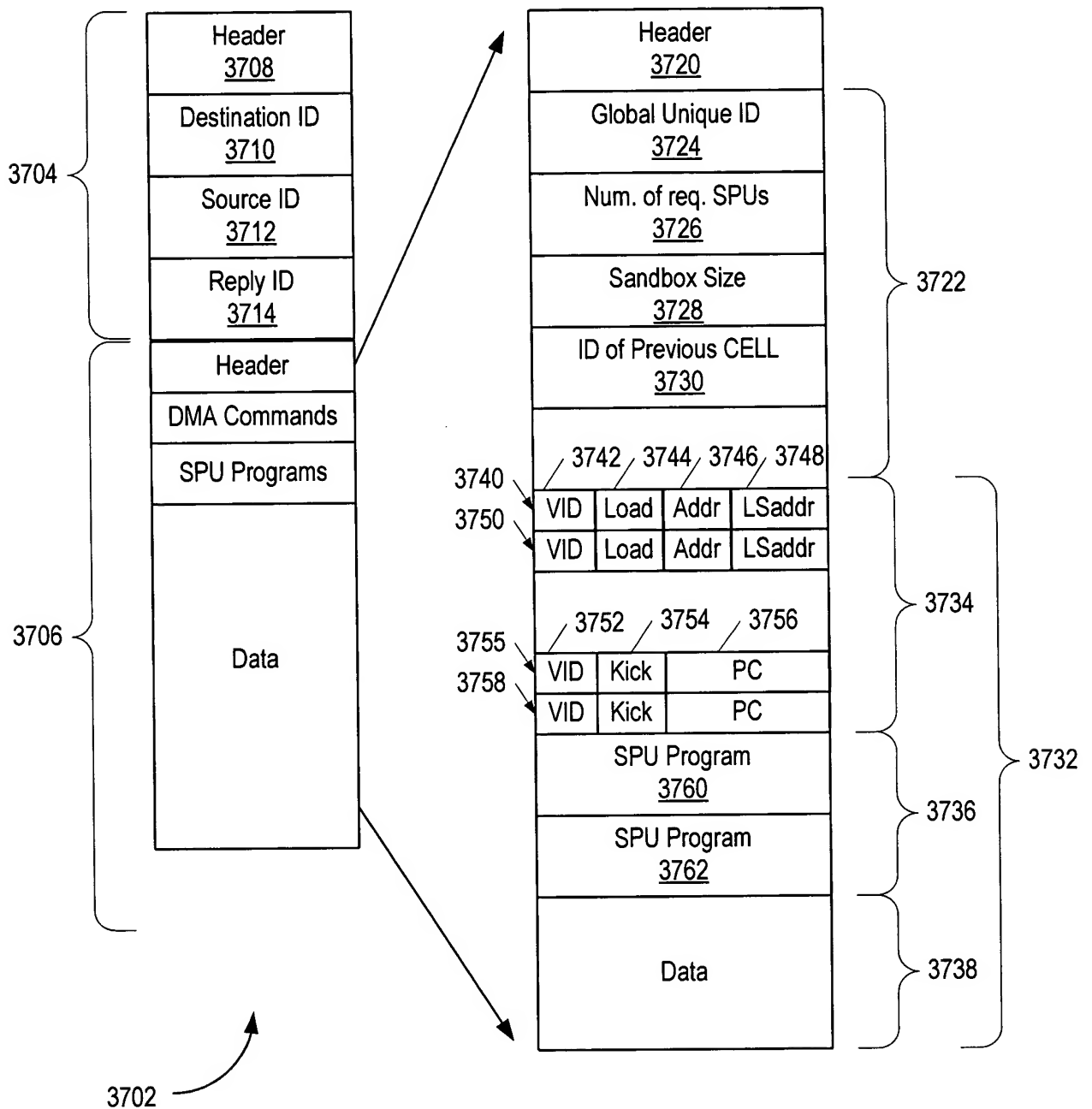
**Figure 34**

**Figure 35**

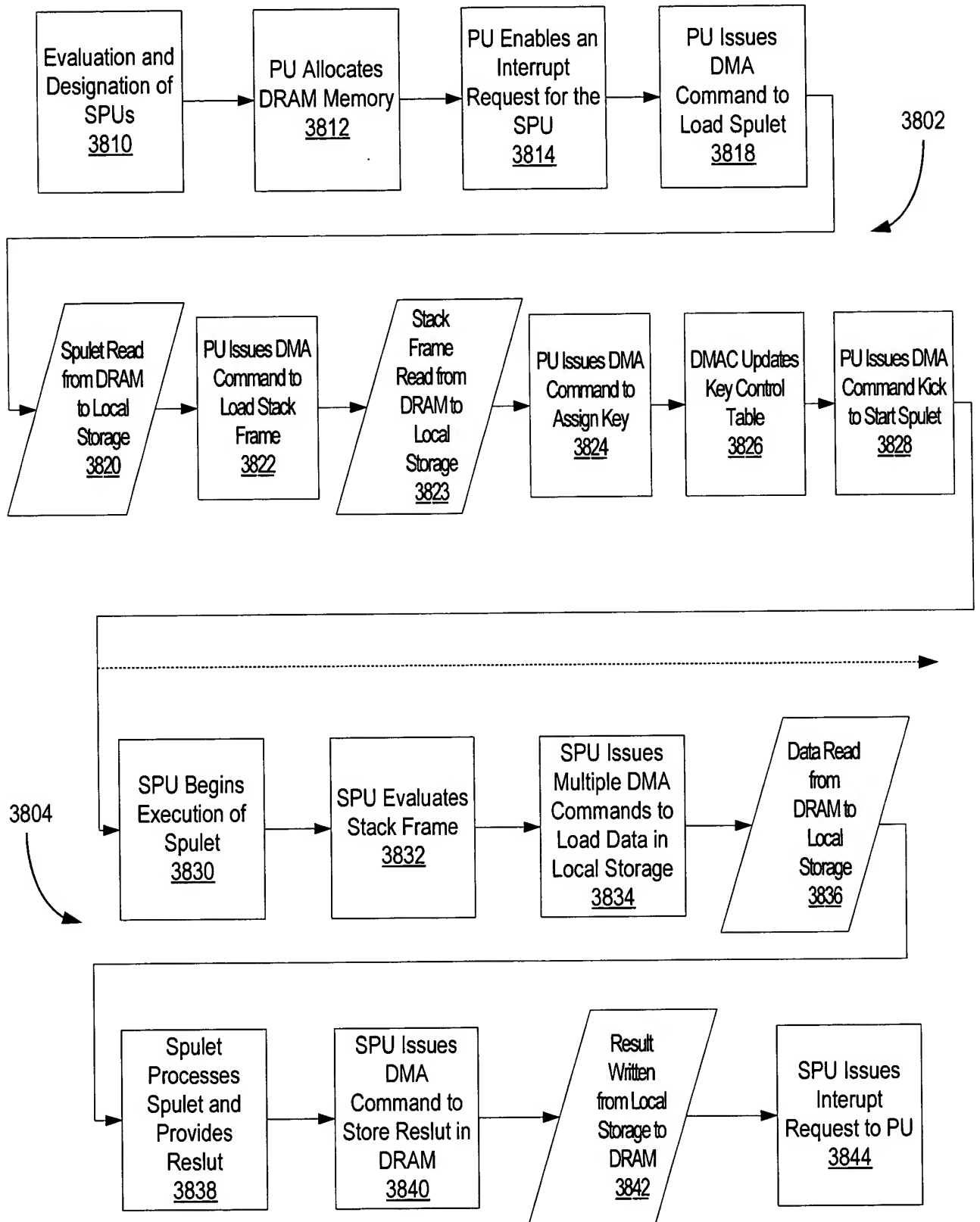
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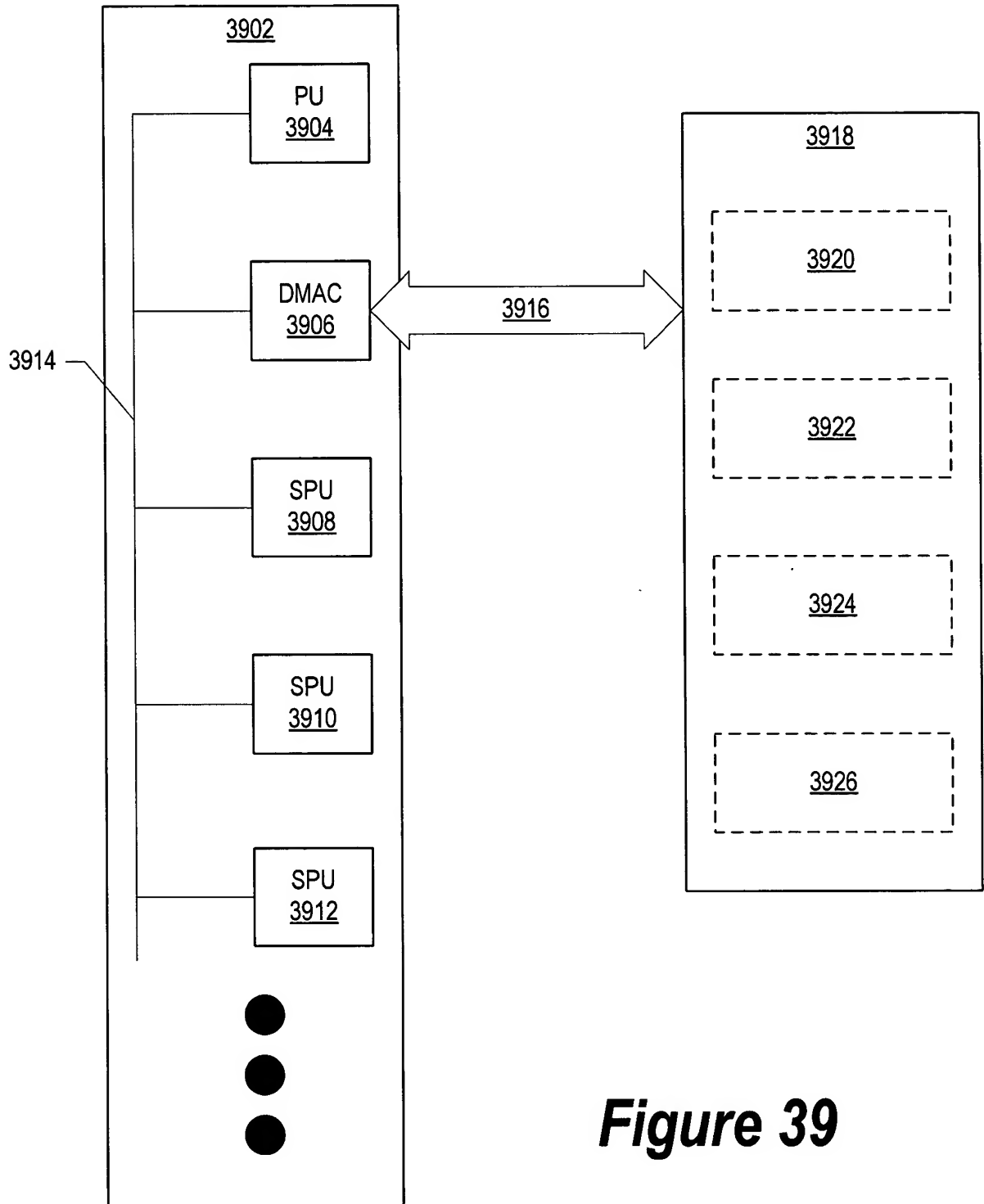


**Figure 36**

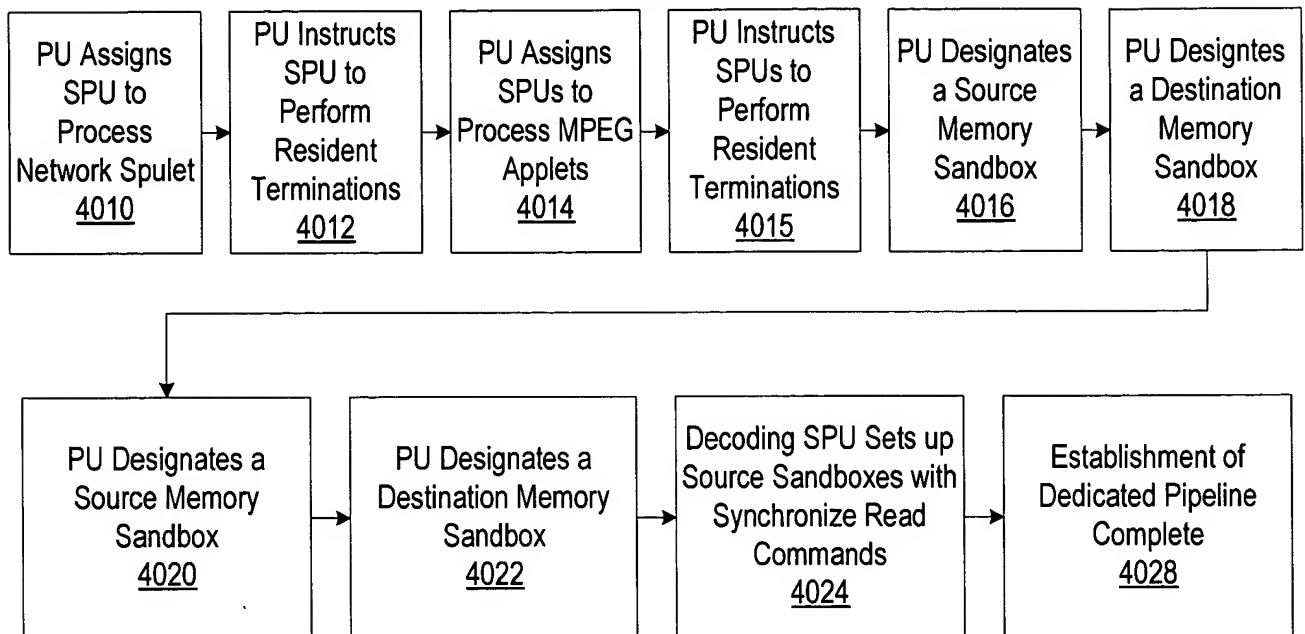
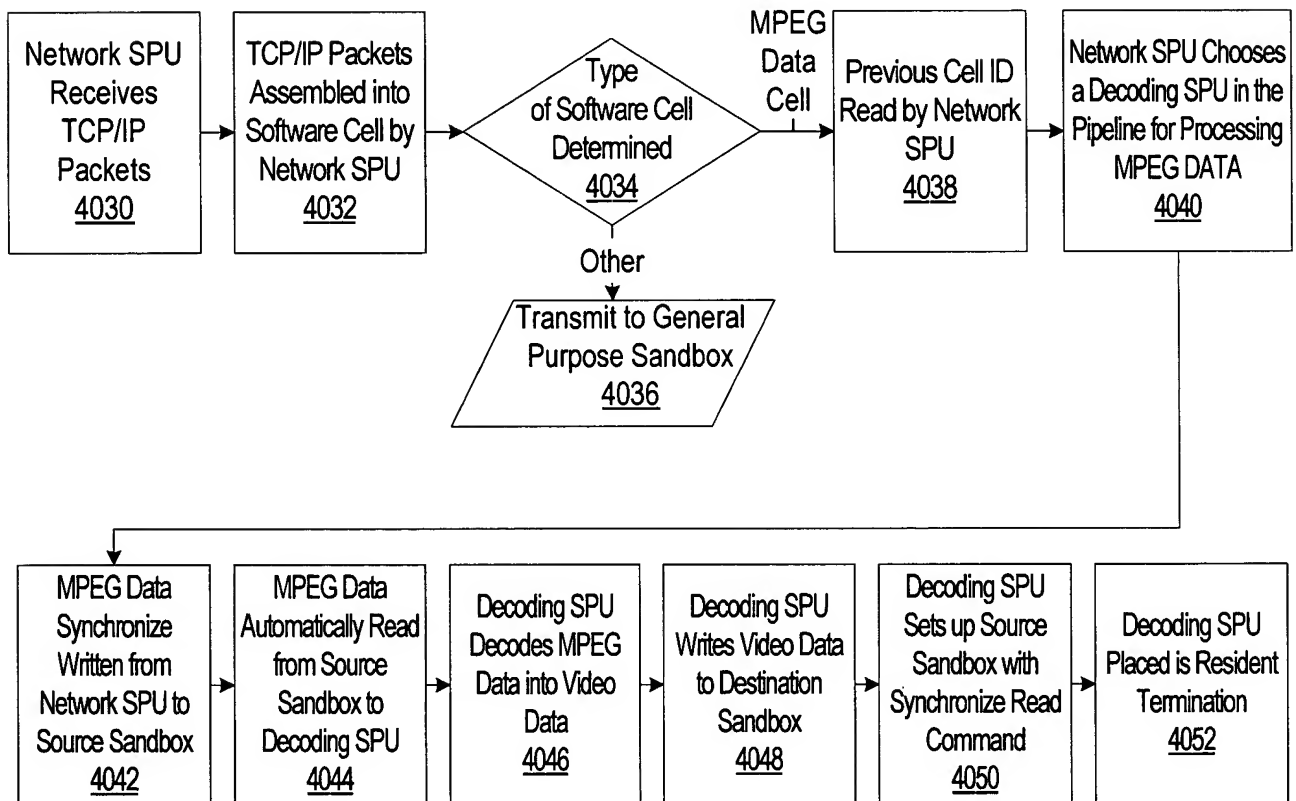
**Figure 37**

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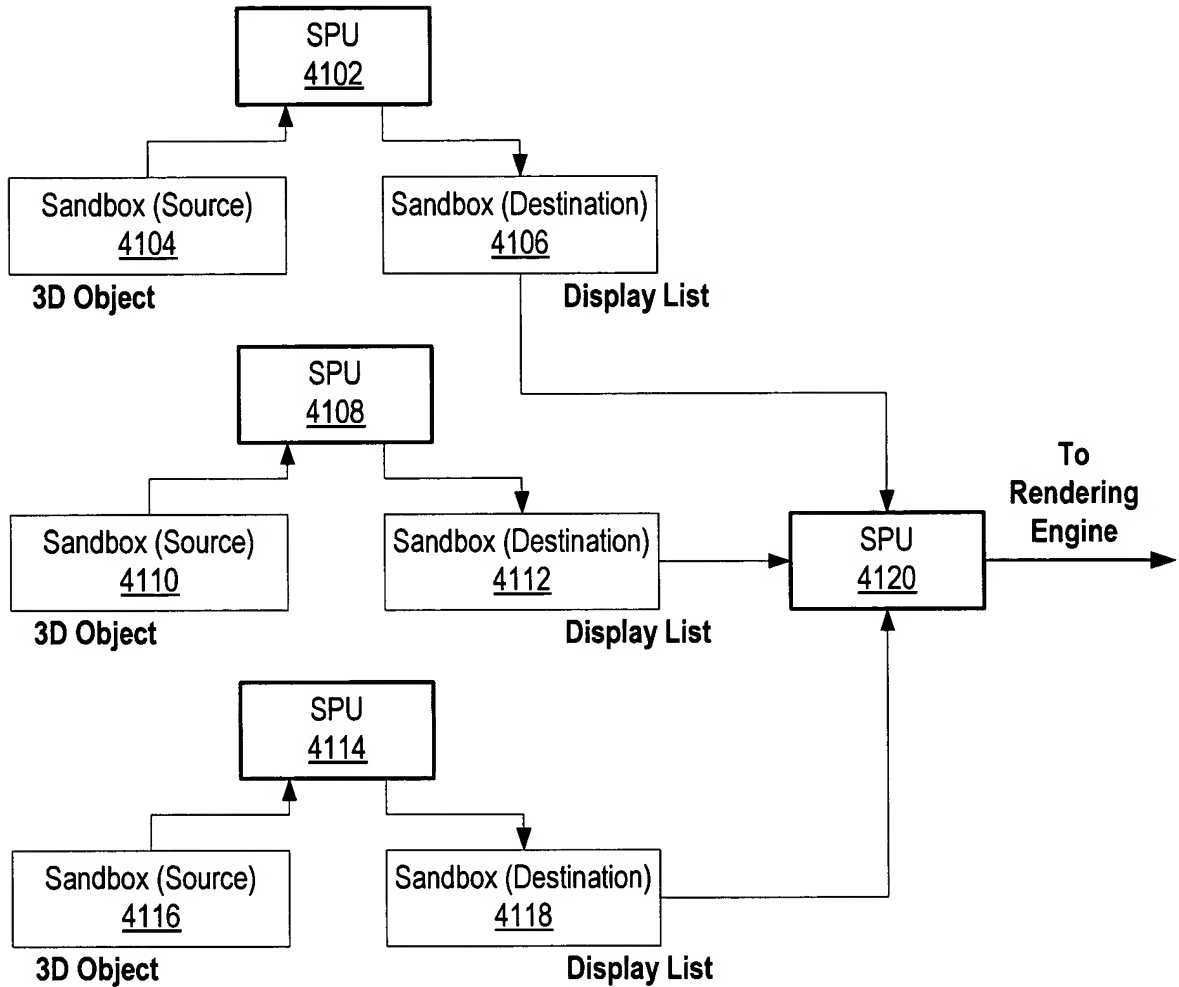
**Figure 38**

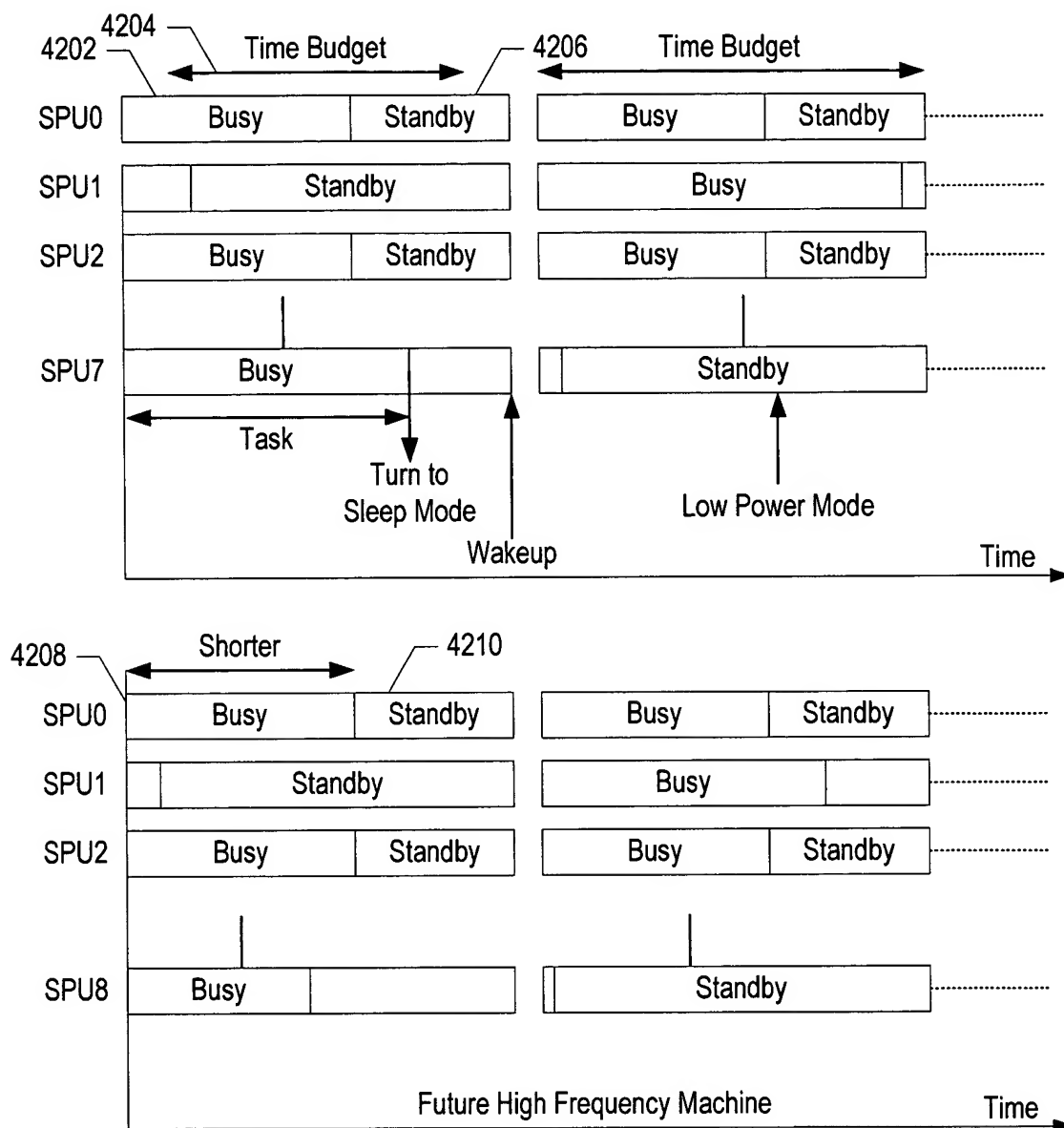
**Figure 39**

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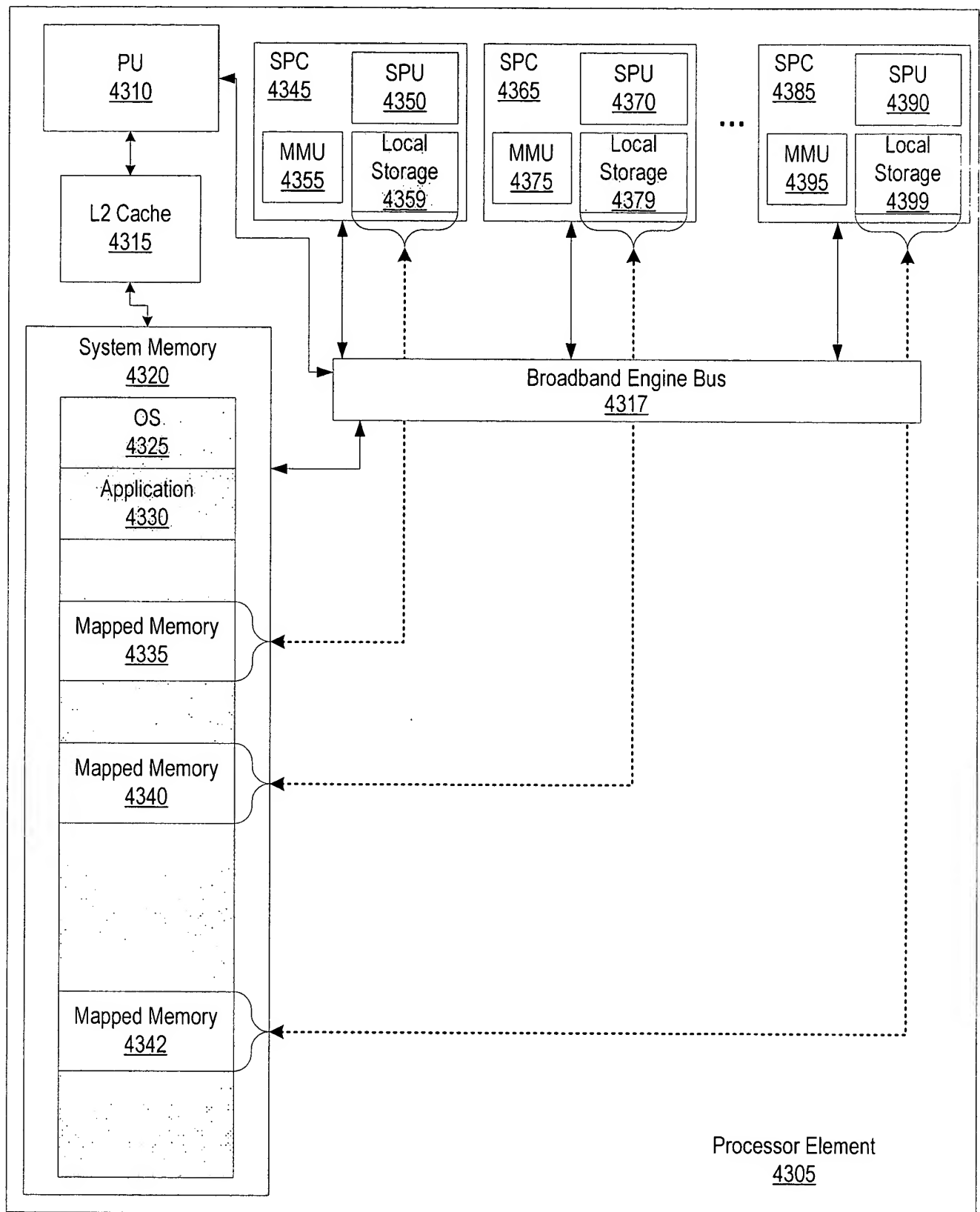
**Figure 40A****Figure 40B**



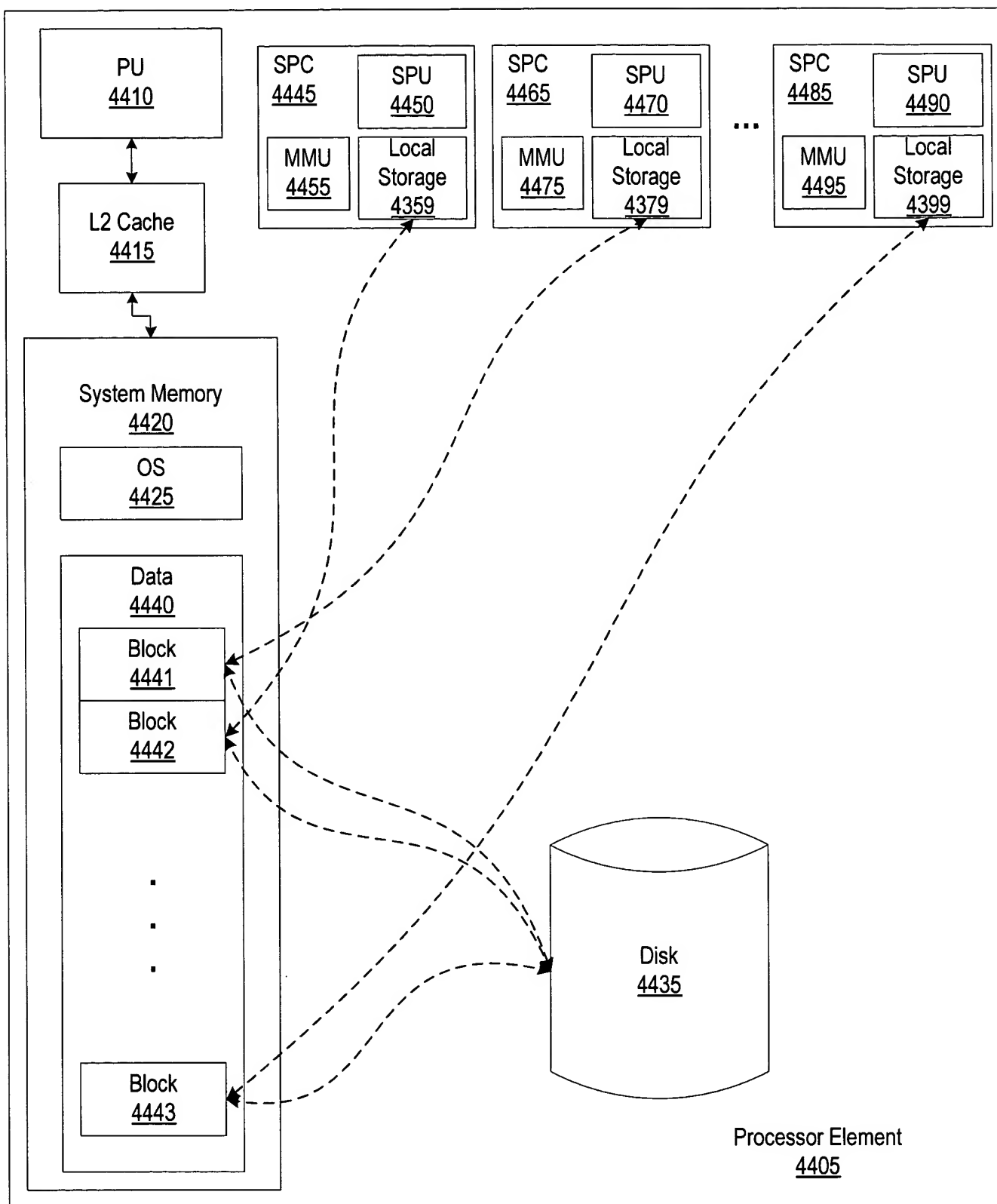
**Figure 41**

**Figure 42**

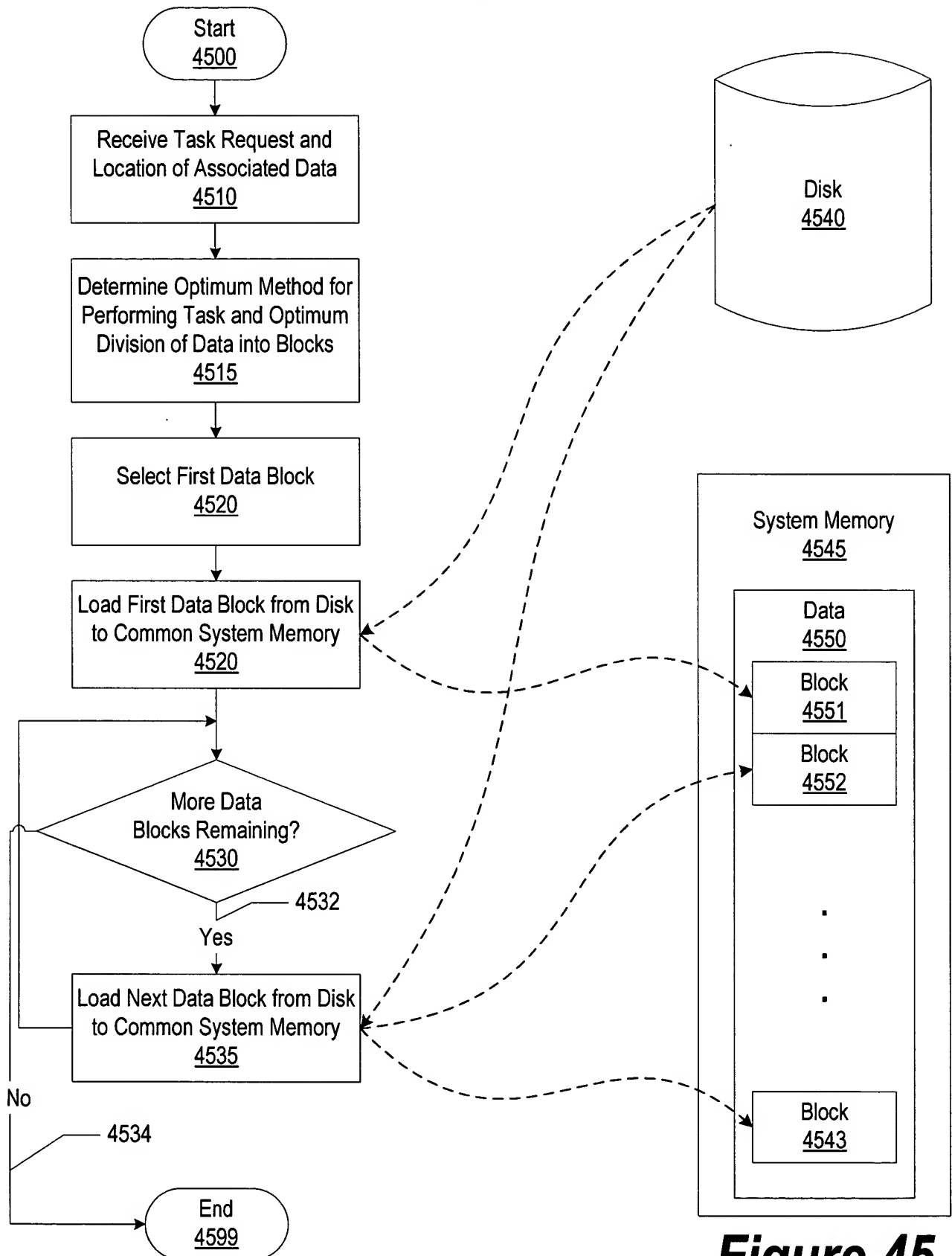
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**Figure 43**

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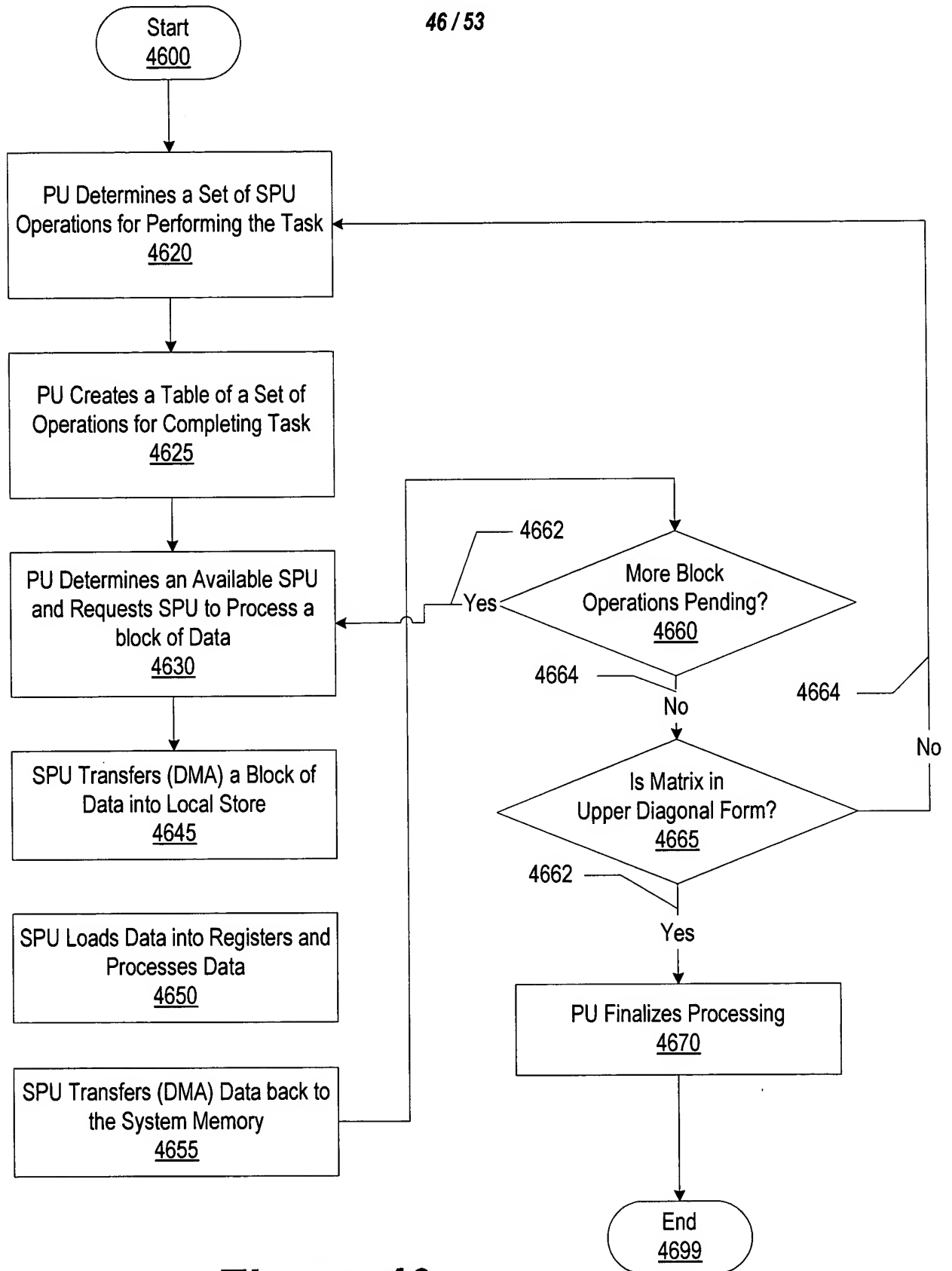
**Figure 44**

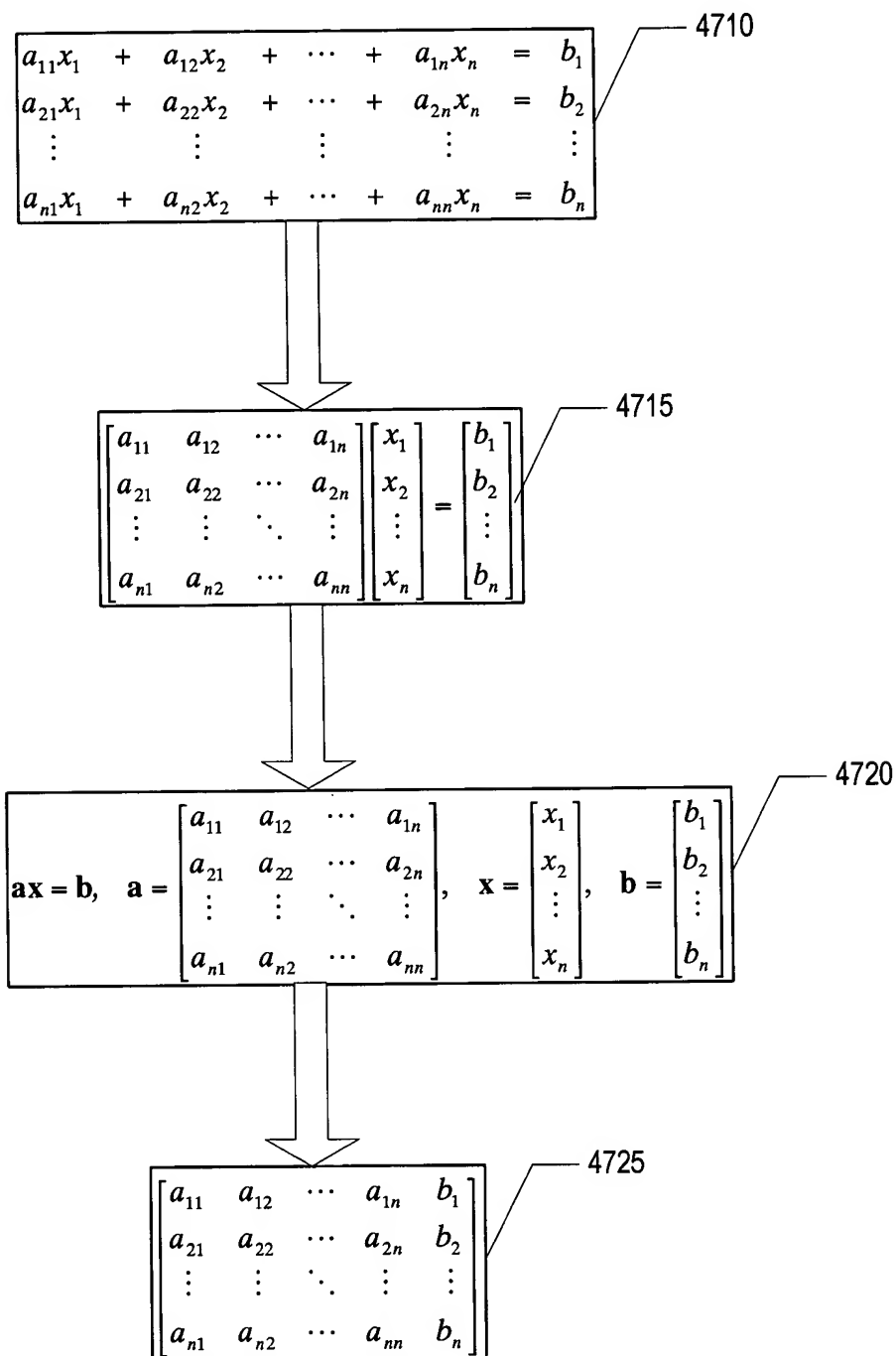
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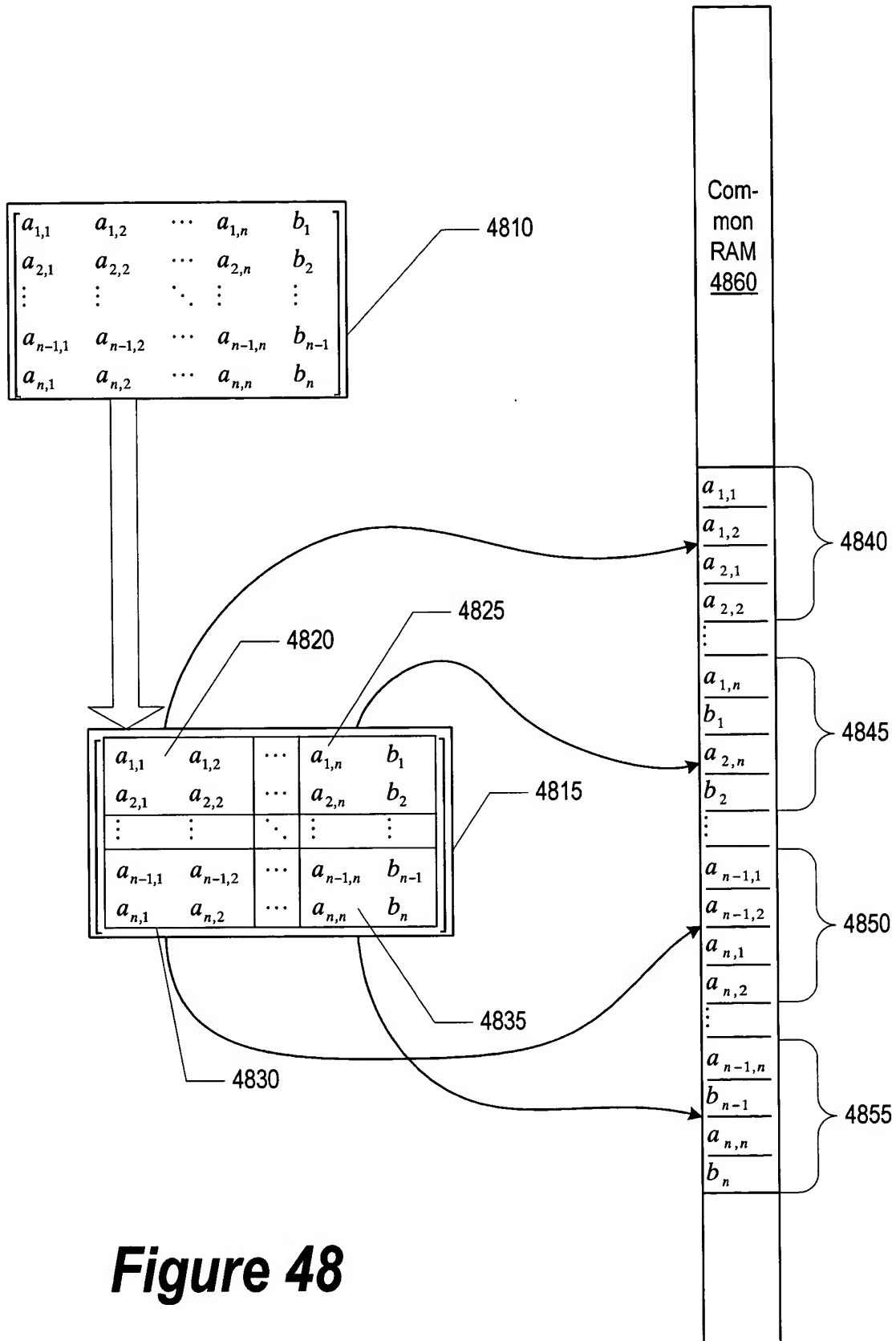
**Figure 45**

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**Figure 46**



**Figure 47**



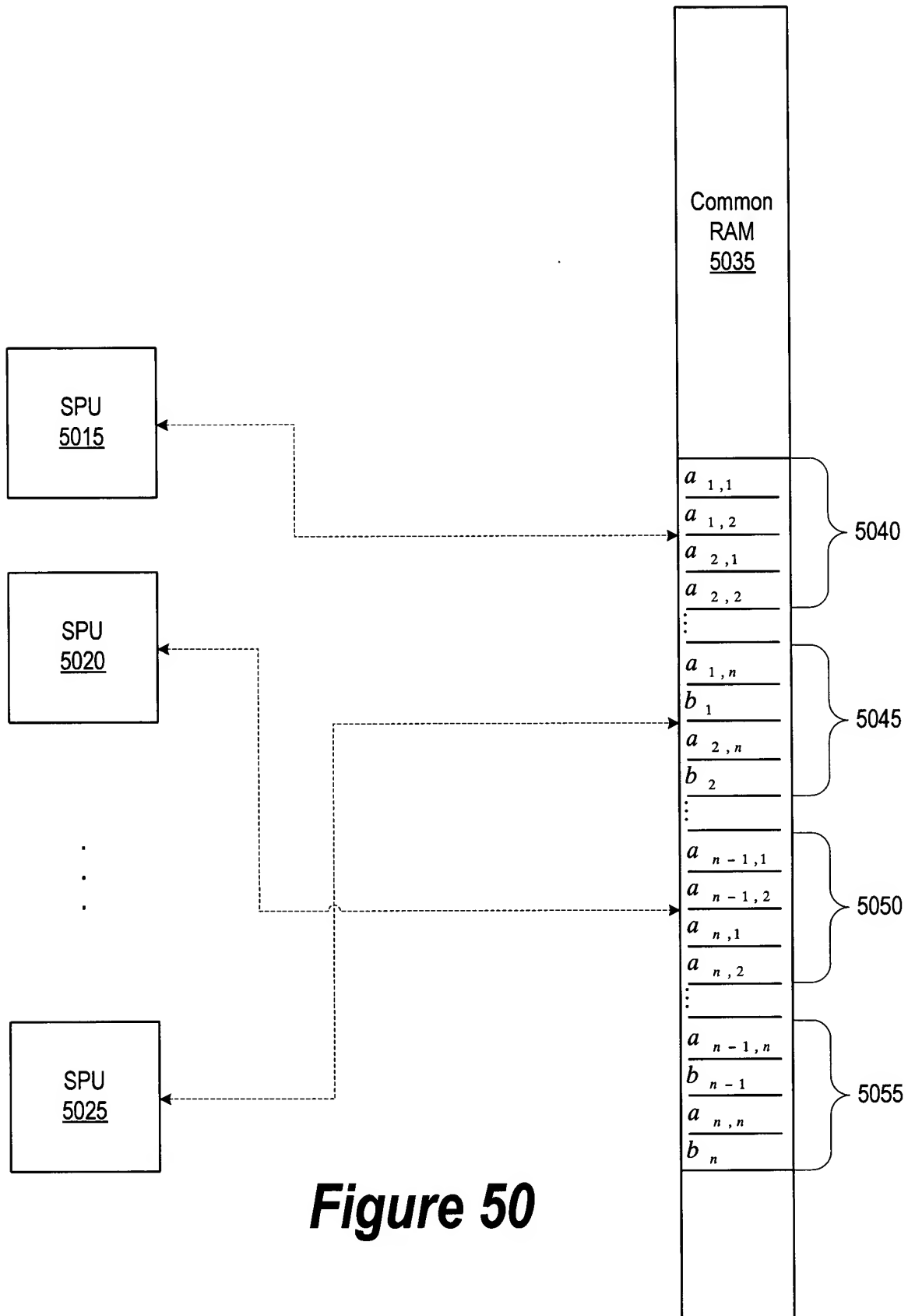
**Figure 48**



Operations	Block Operations	Completed?	SPU
Replace R1 with $4 \cdot R1 + R2$			
	Perform on Block A	Yes	SPU 5
	...	...	...
	Perform on Block Z	In Progress	SPU 2
Replace R5 with $5 \cdot R8 +$			
	Perform on Block ...	No	?

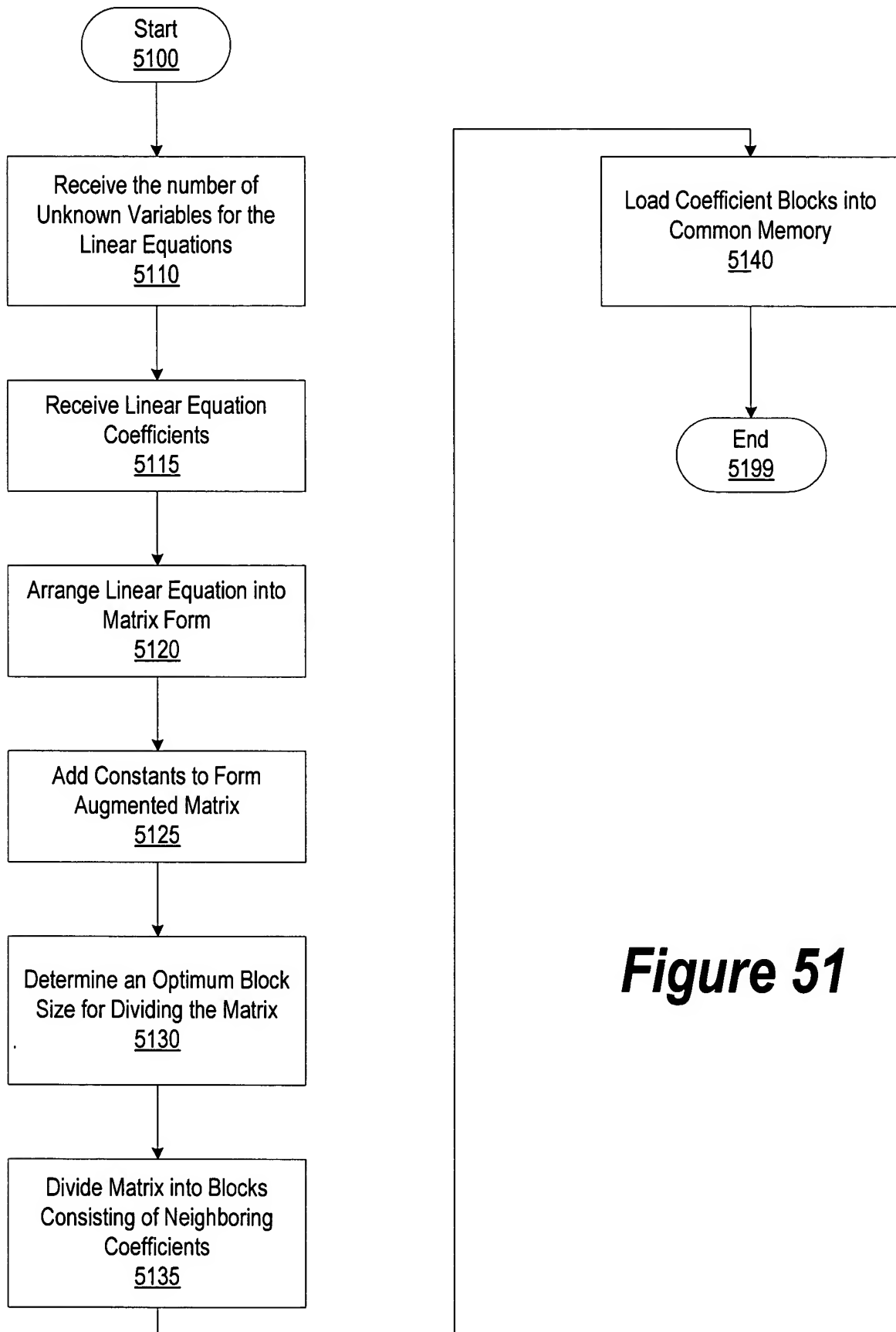
4900

**Figure 49**

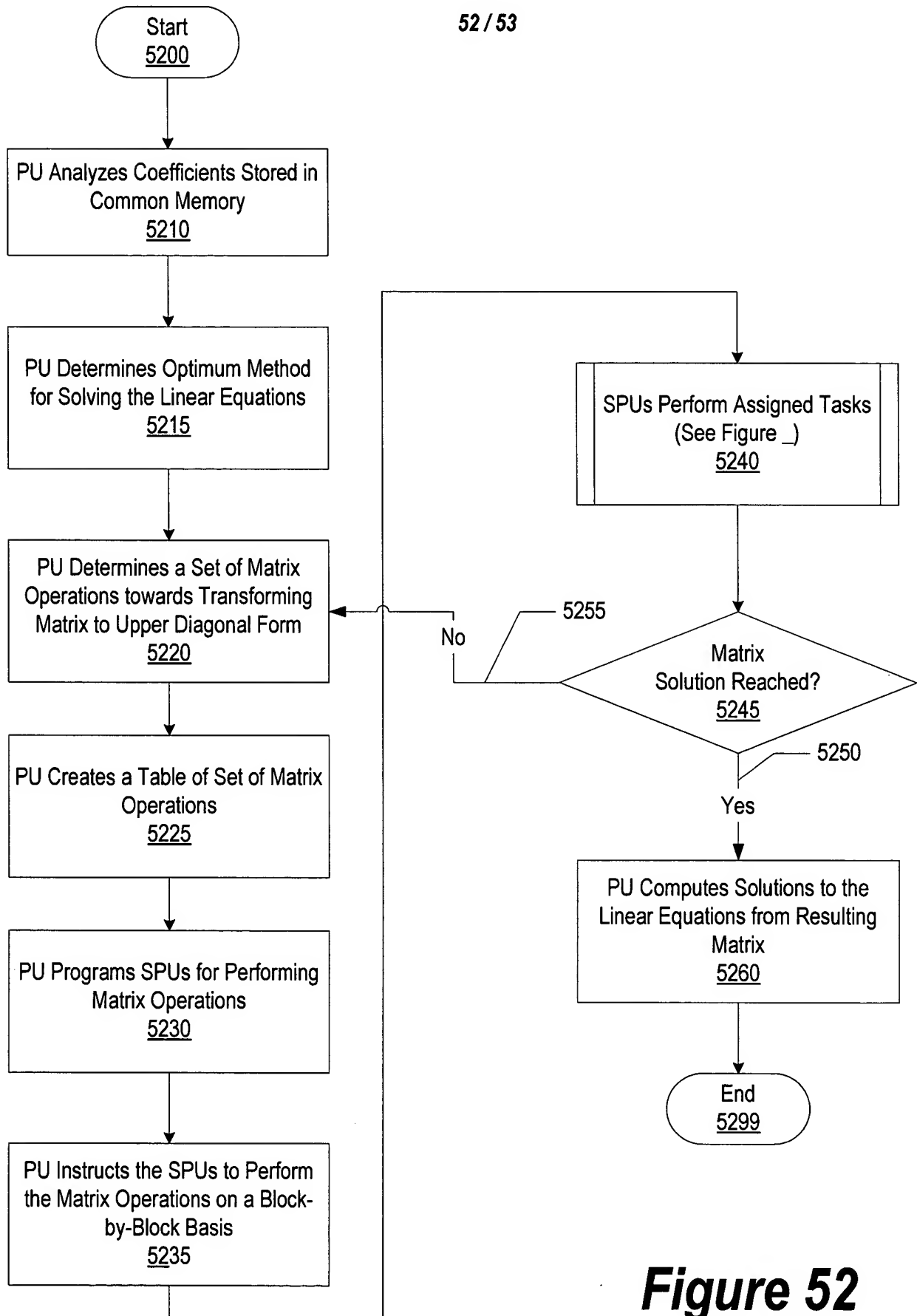


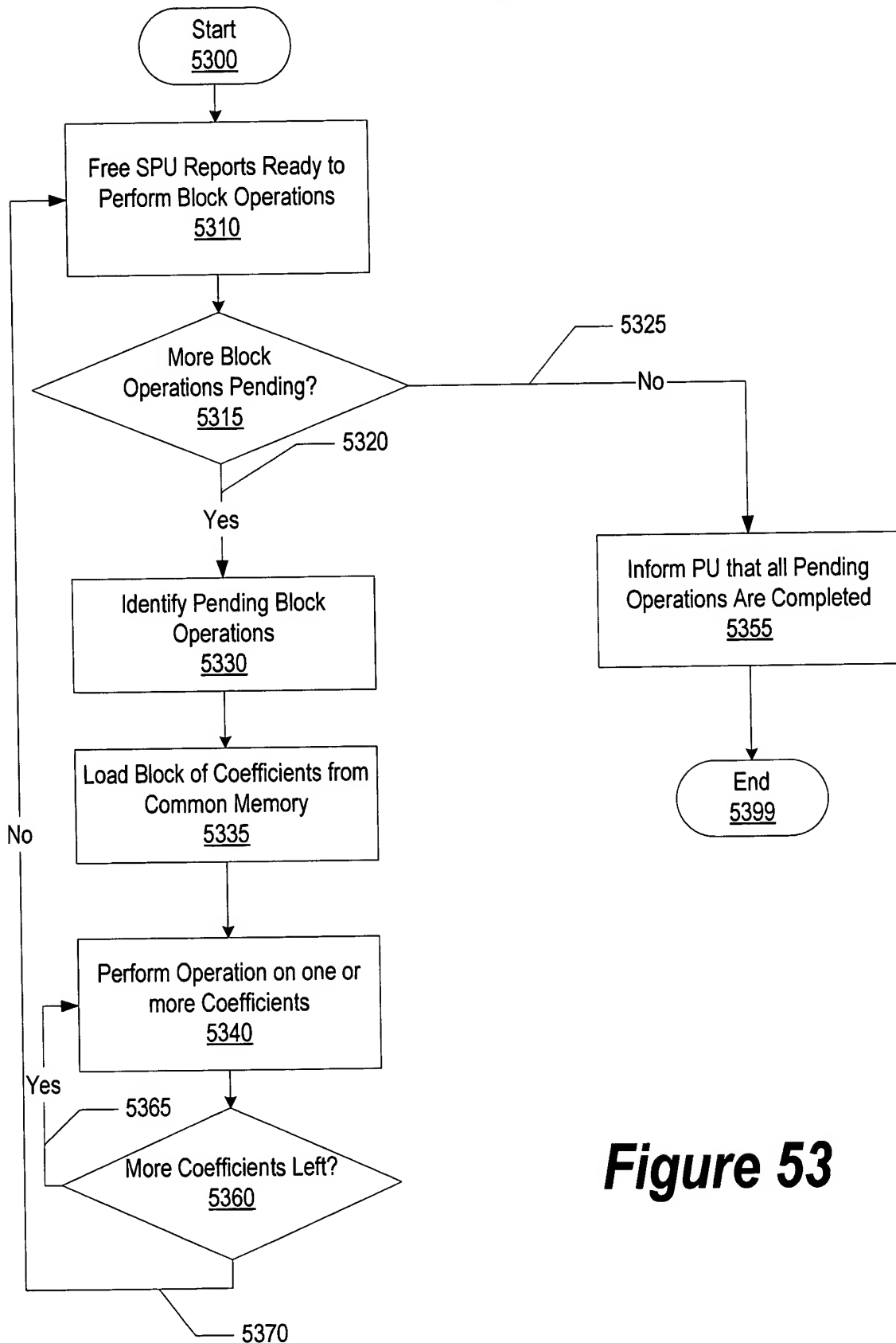
**Figure 50**

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**Figure 51**

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**Figure 52**

**Figure 53**